

R E P O R T R E S U M E S

SE 004 219

ED 015 880

SCIENCE EDUCATION INFORMATION REPORT, BIBLIOGRAPHY 3,  
EQUIPMENT AND MATERIALS. GENERAL BIBLIOGRAPHY SERIES.  
OHIO STATE UNIV., COLUMBUS, ERIC INFO. ANAL. CTR.

PUB DATE DEC 67

EDRS PRICE MF-\$9.50 HC-\$2.52 61F.

DESCRIPTORS- \*AUDIOVISUAL AIDS, \*BIOLOGY, \*CHEMISTRY, \*COLLEGE  
SCIENCE, \*EARTH SCIENCE, \*ELEMENTARY SCHOOL SCIENCE, \*FILMS,  
\*LABORATORY EQUIPMENT, \*LABORATORY MANUALS, \*PROGRAMED  
INSTRUCTION, \*PHYSICS, \*SCIENCE ACTIVITIES, \*SECONDARY SCHOOL  
SCIENCE, \*SCIENCE EQUIPMENT, \*SCIENCE MATERIALS, \*TEXTBOOKS,  
LABORATORY SAFETY, MATHEMATICS EDUCATION, OVERHEAD  
PROJECTORS, PHYSICAL SCIENCES.

THIS IS THE THIRD IN A SERIES OF GENERAL BIBLIOGRAPHIES  
WHICH ARE BEING DEVELOPED TO DISSEMINATE INFORMATION  
CONCERNING DOCUMENTS ANALYZED AT THE ERIC INFORMATION  
ANALYSIS CENTER FOR SCIENCE EDUCATION. REPORTED ARE OVER 200  
CITATIONS TO SELECTED DOCUMENTS RELATED TO EQUIPMENT AND  
MATERIALS FOR TEACHING AND LEARNING SCIENCE. THE DOCUMENTS  
INCLUDED REPRESENT RESEARCH REPORTS, RESEARCH REVIEWS,  
CONFERENCE REPORTS, POSITION PAPERS, TEXTBOOKS, MANUALS,  
SPEECHES, AND NUMEROUS OTHER TYPES. THE CITATIONS ARE  
CATEGORIZED IN ALPHABETICAL ORDER BY AUTHOR AND INDICATE THE  
AVAILABILITY AND THE MAJOR IDEAS OF THE DOCUMENT. GENERAL  
BIBLIOGRAPHIES HAVE BEEN OR ARE BEING PREPARED FOR OTHER  
SELECTED AREAS IN SCIENCE EDUCATION. ALL BIBLIOGRAPHIES WILL  
BE SUPPLEMENTED PERIODICALLY AS MORE DOCUMENTS ARE PROCESSED  
BY THE ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE  
EDUCATION. (DS)

General Bibliography Series  
Bibliography 3 - Equipment and Materials

**SEIAC/SCIENCE EDUCATION INFORMATION ANALYSIS CENTER**

... an information center to organize and disseminate information and materials on science education to teachers, administrators, supervisors, researchers, and the public. A joint project of The Ohio State University and the Educational Resources Information Center of USOE.

**SCIENCE EDUCATION INFORMATION REPORT**

**General Bibliography Series  
Bibliography 3 - Equipment and Materials**

**ERIC Information Analysis Center  
for Science Education  
1460 West Lane Avenue  
Columbus, Ohio 43221**

**December, 1967**

## SCIENCE EDUCATION INFORMATION REPORTS

The Science Education Information Reports are being developed to disseminate information concerning documents analyzed at the ERIC Center for Science Education. The Reports include five types of publications. General Bibliographies are being issued to announce most documents processed by the Center for Science Education. These bibliographies are categorized by topics and indicate the availability of the document and the major ideas included in the document. Special Bibliographies are being developed to announce availability of documents in selected interest areas. These bibliographies will list most significant documents that have been published in the interest area. Guides to Resource Literature for Science Teachers are bibliographies that identify references for the professional growth of teachers at all levels of science teaching. This series will include six separate publications. State-of-the-Art Reports will be issued periodically to indicate implications of research for science teaching. Research Reviews will be issued to analyze and synthesize research related to science education over a period of several years.

The Science Education Information Reports will be announced in the SEIAC Newsletter as they become available.

## GENERAL BIBLIOGRAPHIES

The General Bibliographies are being developed to announce the documents acquired and processed by the ERIC Information Analysis Center for Science Education. The bibliographies will focus on general topics. This bibliography announces most documents related to the topic that were included in the first 2,000 documents processed by this Center. Supplements will be issued every six months.

## USING BIBLIOGRAPHIC CITATIONS

All documents are listed by similar bibliographic citations. A sample citation is explained for your convenience. You will find it helpful to study the explanation of the sample citation before using this bibliography.

## SAMPLE OF BIBLIOGRAPHIC CITATION

---

(1) SE 001 505 (2) 07 12 67 (3) 20 86 29 (4) 1 (5) 00 000 004  
(6) KLOPPER, LEOPOLD E.  
(7) THE USE OF CASE HISTORIES IN SCIENCE TEACHING  
(8) SCHOOL SCIENCE AND MATHEMATICS  
(9) 11 00 64 (10) 4  
(11) \*BIOLOGY, \*CHEMISTRY, \*SCIENCE HISTORY, \*PHYSICS, \*SCIENCE  
CASE HISTORIES, \*SECONDARY SCHOOL SCIENCE, \*TEACHING  
TECHNIQUES, PROGRAM DESCRIPTIONS

---

## EXPLANATION OF BIBLIOGRAPHIC CITATIONS

(1) (SE 001 505)

This is the Science Education Center's identification number for the document. It serves as the name for the document and our way of locating the material.

(2) (07 12 67)

The second field contains the date the citation was typed at our Center (July 12, 1967).

(3) (20 86 29)

Field three is a code for developing bibliographies. By using this code several kinds of bibliographies can be structured by retrieval specialists or by computer programs.

(4) 1

This field indicates the level of processing of the document.

1--cataloged and indexed

2--cataloged, indexed, and annotated or abstracted

3--announced in Research in Education

(5) (00 000 004)

The source of the document has also been coded for computer search. This number identifies where the document can be obtained. It usually designates the same source as field seven.

(6) KLOPFER, LEOPOLD E.

The principle author, editor, or organization associated with the writing of the document is listed.

(7) THE USE OF CASE HISTORIES IN SCIENCE TEACHING

Title of the document.

(8) SCHOOL SCIENCE AND MATHEMATICS

This indicates the source of the document or where it was obtained by the Center.

(9) (11 00 64)

This field designates the publication date of the document, (November, 1964). The first set of two numerics represents the month; the second, the day of the month; and the third, the year. In most cases the date is obtained from the document. In a few cases, when no date of publication is on the document, the date is estimated based on the best information available in the document.

(10) 4

Field ten identifies the number of pages in the document. This document contains four pages. Use of this field will provide information concerning the size of the document.

(11) \*BIOLOGY, \*CHEMISTRY, \*SCIENCE HISTORY, \*PHYSICS, \*SCIENCE CASE HISTORIES, \*SECONDARY SCHOOL SCIENCE, \*TEACHING TECHNIQUES, PROGRAM DESCRIPTIONS

This field provides an indication of the ideas included in the document. Each term, such as \*BIOLOGY, has been selected by an information analyst because the term is important for the identification of the document. Terms marked with an asterisk represent primary ideas in the document; the other terms represent ideas of lesser importance. You can use this information to narrow the number of documents you want to review.

1. SE 001 423 11 13 67 06 35 30 1 00 000 009  
AHLGREN, ANDREW  
APPARATUS - LECTURE DEMONSTRATION AND LABORATORY, INEXPENSIVE  
APPARATUS FOR STUDYING THE PHOTOELECTRIC EFFECT AND MEASURING  
PLANCK'S CONSTANT  
THE PHYSICS TEACHER

10 00 63 2  
\*COLLEGE SCIENCE, \*LABORATORY EQUIPMENT, \*PHYSICS, \*SECONDARY  
SCHOOL SCIENCE, \*SCIENCE EQUIPMENT, \*PHOTOELECTRIC EFFECT,  
PLANCK'S CONSTANT, PHYSICAL SCIENCE STUDY COMMITTEE

2. SE 000 465 10 09 67 06 95 38 1 00 000 007  
AMEND, JOHN R.  
INVESTIGATIONS IN NUCLEAR CHEMISTRY - RADIOACTIVE DECAY AND  
HALF-LIFE

THE SCIENCE TEACHER

05 00 66 4  
\*CHEMISTRY, \*COLLEGE SCIENCE, \*LABORATORY INVESTIGATION, \*NUCLEAR  
SCIENCE, \*PHYSICS, \*MEASUREMENT TECHNIQUES, \*RADIOISOTOPES,  
\*SECONDARY SCHOOL SCIENCE, INSTRUCTIONAL MATERIALS CENTERS,  
LABORATORY PROCEDURES, RADIOACTIVE DECAY, RADIOACTIVE HALF-LIFE,  
SCIENCE ACTIVITIES, SCIENCE MATERIALS, SCIENCE EDUCATION CENTER,  
UNIVERSITY OF TEXAS

3. SE 000 764 07 21 67 06 95 03 1 00 000 194  
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE  
SCIENCE BOOKS - A QUARTERLY REVIEW

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

03 00 67 79  
\*BOOK REVIEWS, \*COLLEGE SCIENCE, \*ELEMENTARY SCHOOL SCIENCE,  
\*SECONDARY SCHOOL SCIENCE, BIOLOGY, CHEMISTRY, EARTH AND SPACE  
SCIENCE, PHYSICS, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF  
SCIENCE, \*ANNOTATED BIBLIOGRAPHIES



4. SE 001 698 11 09 67 06 95 32 1 51 000 178  
AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES  
THE INSTITUTE NEWSLETTER

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, 3900 WISCONSIN AVENUE,  
N. W., WASHINGTON D. C.

03 00 67 4

\*AUDIOVISUAL AIDS, \*BIOLOGY, \*FILMS, \*NEWSLETTERS, \*NUCLEAR  
SCIENCE, \*PHYSICS, \*SCALERS, \*SCIENCE EQUIPMENT, ATOMIC ENERGY,  
COLLEGE SCIENCE, CHEMISTRY, FOOD PRESERVATION, GENERAL SCIENCE,  
MEASUREMENT TECHNIQUES, PHYSICAL SCIENCES, RADIOISOTOPES,  
SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES,  
ATOMIC ENERGY COMMISSION, NATIONAL SCIENCE FOUNDATION, ATOMIC  
ENERGY ACT OF 1954

5. SE 001 174 12 06 67 06 35 20 2 00 000 009  
ANDREWS, C. L.  
MICROWAVE OPTICS

THE PHYSICS TEACHER

02 00 64 5

\*MICROWAVE OPTICS, \*PHYSICS, \*SCIENCE ACTIVITIES, \*SCIENCE  
EQUIPMENT, COLLEGE SCIENCE, MICROWAVES, OPTICS, SECONDARY SCHOOL  
SCIENCE, WAVES

6. SE 000 501 06 13 67 06 92 33 1 04 000 200  
ARKANSAS STATE DEPARTMENT OF EDUCATION  
SCIENCE GUIDELINES FOR ARKANSAS SECONDARY SCHOOLS

ARKANSAS STATE DEPARTMENT OF EDUCATION

66 32

\*SECONDARY SCHOOL SCIENCE, \*SCIENCE EQUIPMENT, \*SCIENCE  
FACILITIES, AUDIOVISUAL AIDS, BIOLOGY, BIBLIOGRAPHIES,  
CHEMISTRY, EARTH SCIENCE, PHYSICS, SCIENCE MATERIALS,  
\*EQUIPMENT GUIDES



7. SE 000 094 06 08 67 17 12 10 1 46 000 248  
 ARLINGTON COUNTY PUBLIC SCHOOLS  
 BIOLOGY LABORATORY GUIDE

ARLINGTON COUNTY SCHOOL BOARD, VIRGINIA

64 177  
 \*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*SCIENCE ACTIVITIES,  
 \*SECONDARY SCHOOL SCIENCE, \*LABORATORY MANUALS

8. SE 000 095 08 18 67 17 42 10 2 46 000 248  
 ARLINGTON COUNTY PUBLIC SCHOOLS  
 LABORATORY EXPERIENCES FOR EARTH AND SPACE SCIENCE

ARLINGTON COUNTY PUBLIC SCHOOL, VIRGINIA

65 176  
 \*EARTH AND SPACE SCIENCE, \*GRADE 9, \*INSTRUCTIONAL MATERIALS,  
 \*LABORATORY ACTIVITIES, \*LABORATORY MANUALS, \*SECONDARY SCHOOL  
 SCIENCE, \*STUDENT SCIENCE PROJECTS, ASTRONOMY, EARTH SCIENCE,  
 GEOLOGY, OCEANOGRAPHY, SPACE SCIENCE, SCIENCE FAIRS, SCIENCE  
 ACTIVITIES

9. SE 000 206 07 06 67 06 32 30 1 00 000 009  
 ARMSTRONG, H. L.  
 AN EXPERIMENT ON OPTICAL DEVICES

THE PHYSICS TEACHER

10 00 66 2  
 \*OPTICS, \*PHYSICS, \*SCIENCE ACTIVITIES, \*TEACHER RESOURCE MATERIALS,  
 TEACHING TECHNIQUES, COLLEGE SCIENCE

10. SE 000 268 07 25 67 17 52 10 2 00 000 203  
 ASH, STANLEY W. AND NOBLE, REGINALD D.  
 PHYSICAL SCIENCE IN THE LABORATORY PART II

WILLIAM C. BROWN BOOK COMPANY

66 55  
 \*INSTRUCTIONAL MATERIALS, \*SCIENCE ACTIVITIES, \*PHYSICAL SCIENCE,  
 \*SECONDARY SCHOOL SCIENCE, \*LABORATORY MANUALS, EARTH SCIENCE

11. SE 000 993 11 09 67 17 12 20 2 00 000 001  
AUSUBEL, DAVID P.  
AN EVALUATION OF THE BSCS APPROACH TO HIGH SCHOOL BIOLOGY

THE AMERICAN BIOLOGY TEACHER

03 00 66 6  
\*BIOLOGY, \*EDUCATIONAL PROGRAMS, \*INSTRUCTIONAL MATERIALS,  
\*SECONDARY SCHOOL SCIENCE, \*TEXTBOOKS, \*TEXTBOOK ORGANIZATION,  
CURRICULUM, COURSE CONTENT, COURSE ORGANIZATION, EVOLUTION,  
GENETICS, BIOLOGICAL SCIENCES CURRICULUM STUDY, BLUE VERSION,  
GREEN VERSION, YELLOW VERSION

12. SE 000 112 06 08 67 17 22 10 1 20 000 243  
BALTIMORE COUNTY PUBLIC SCHOOLS  
CHEMISTRY - STUDENT LABORATORY MANUAL PRELIMINARY EDITION

BALTIMORE COUNTY PUBLIC SCHOOLS

65 175  
\*CHEMISTRY, \*INSTRUCTIONAL MATERIALS, \*SCIENCE ACTIVITIES,  
\*SECONDARY SCHOOL SCIENCE, \*LABORATORY MANUALS

13. SE 000 075 06 08 67 17 52 10 1 20 000 243  
BALTIMORE COUNTY PUBLIC SCHOOLS  
JUNIOR HIGH SCHOOL SCIENCE - LABORATORY INVESTIGATIONS

BOARD OF EDUCATION OF BALTIMORE COUNTY, TOWSON, MARYLAND

66 150  
\*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*SCIENCE ACTIVITIES,  
\*PHYSICAL SCIENCES, \*SECONDARY SCHOOL SCIENCE, GRADE 7,  
GRADE 8, GRADE 9, ELEMENTARY AND SECONDARY EDUCATION ACT,  
TITLE III, STATUS REPORTS, \*TEACHER GUIDES

14. SE 000 676 10 19 67 17 22 10 1 20 000 243  
BALTIMORE COUNTY SCHOOLS  
A LABORATORY MANUAL FOR CHEMISTRY UNITS 2, 3, 4, 5, AND 6

BALTIMORE COUNTY SCHOOLS MARYLAND

66 50  
\*CHEMISTRY, \*SCIENCE ACTIVITIES, \*SECONDARY SCHOOL SCIENCE,  
ELECTROCHEMISTRY, INORGANIC CHEMISTRY, ORGANIC CHEMISTRY,  
PERIODIC RELATIONSHIPS (CHEMISTRY), PHYSICAL CHEMISTRY,  
INSTRUCTIONAL MATERIALS

15. SE 000 743 08 25 67 06 12 15 3 00 000 211  
BARTHELEMY, RICHARD E. AND OTHERS  
INNOVATIONS IN EQUIPMENT AND TECHNIQUE FOR THE BIOLOGY TEACHING  
LABORATORY

D. C. HEATH BOOK COMPANY

64 116  
\*BIOLOGY, \*SCIENCE EQUIPMENT, \*SECONDARY SCHOOL SCIENCE, \*TEACHER  
GUIDES, LABORATORY EQUIPMENT, LABORATORY TECHNIQUES, LABORATORY  
SAFETY, SCIENCE FACILITIES, TEACHING TECHNIQUES, (BIOLOGICAL  
SCIENCE CURRICULUM STUDY), LABORATORY BLOCKS (BSCS), BIBLIOGRAPHIES

16. SE 000 709 08 25 67 17 92 11 2 09 000 277  
BETHUNE, PAUL AND OTHERS  
NOVA JUNIOR HIGH SCIENCE SEQUENCE

NOVA SCHOOL SYSTEM, FT. LAUDERDALE, FLORIDA

64 300  
\*GENERAL SCIENCE, \*GRADE 7, GRADE 8, \*GRADE 9, BIOLOGY, CHEMISTRY,  
COURSE CONTENT, EARTH SCIENCE, PHYSICS, SECONDARY SCHOOL SCIENCE,  
SCIENTIFIC METHOD, TEACHER RESOURCE MATERIALS, \*INSTRUCTIONAL  
MATERIALS

17. SE 001 163 07 10 67 06 12 32 1 06 000 238  
BIOLOGICAL SCIENCES CURRICULUM STUDY  
BSCS NEWSLETTER 21 AND BSCS NEWSLETTER 23

BIOLOGICAL SCIENCES CURRICULUM STUDY, UNIVERSITY OF COLORADO,  
BOULDER

64 31  
\*BIOLOGY, \*LABORATORY FACILITIES, \*LABORATORY EQUIPMENT, \*SCIENCE  
FACILITIES, \*SECONDARY SCHOOL SCIENCE, \*SCIENCE COURSE IMPROVEMENT  
PROJECT, NEWSLETTERS, BIOLOGICAL SCIENCES CURRICULUM STUDY

18. SE 001 776 10 30 67 17 15 11 2 51 000 178  
BIOLOGICAL SCIENCES CURRICULUM STUDY  
BIOLOGICAL SCIENCE - INTERACTION OF EXPERIMENTS AND IDEAS

PRENTICE-HALL INC.

65 429  
\*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*SCIENCE ACTIVITIES, \*SCIENCE  
COURSES, \*SECONDARY SCHOOL SCIENCE, \*SECOND YEAR COURSES, COLLEGE  
SCIENCE, SCIENCE COURSE IMPROVEMENT PROJECT, TEXTBOOKS, BIOLOGICAL  
SCIENCES CURRICULUM STUDY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

19. SE 001 900 11 20 67 17 12 10 2 06 000 238  
BIOLOGICAL SCIENCES CURRICULUM STUDY  
BIOLOGICAL SCIENCE - PATTERNS AND PROCESSES

HOLT, RINEHART AND WINSTON, INC.

64 297  
\*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*SECONDARY SCHOOL SCIENCE,  
LABORATORY MANUALS, SCIENCE ACTIVITIES, SCIENCE COURSE IMPROVEMENT  
PROJECT, BIOLOGICAL SCIENCES CURRICULUM STUDY

20. SE 001 772 10 30 67 17 12 30 2 51 000 178  
BIOLOGICAL SCIENCES CURRICULUM STUDY  
RESEARCH PROBLEMS IN BIOLOGY - INVESTIGATIONS FOR STUDENTS  
SERIES ONE

DOUBLEDAY AND COMPANY, INC.

63 240  
\*ABLE STUDENTS, \*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*STUDENT  
RESEARCH, \*SECONDARY SCHOOL SCIENCE, \*SCIENCE ACTIVITIES, ANIMAL  
BEHAVIOR, BOTANY, ECOLOGY, GENETICS, MICROBIOLOGY, PHYSIOLOGY,  
SCIENCE PROJECTS, ZOOLOGY, AMERICAN INSTITUTE OF BIOLOGICAL  
SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY, GIFTED STUDENT  
COMMITTEE (BSCS)

21. SE 001 773 10 30 67 17 12 30 2 51 000 178  
BIOLOGICAL SCIENCES CURRICULUM STUDY  
RESEARCH PROBLEMS IN BIOLOGY - INVESTIGATIONS FOR STUDENTS SERIES  
TWO

DOUBLEDAY AND COMPANY, INC.

63 266  
\*ABLE STUDENTS, \*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*SECONDARY  
SCHOOL SCIENCE, \*STUDENT RESEARCH, \*SCIENCE ACTIVITIES, ANIMAL  
BEHAVIOR, BOTANY, ECOLOGY, MICROBIOLOGY, PHYSIOLOGY, SCIENCE  
PROJECTS, ZOOLOGY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES,  
BIOLOGICAL SCIENCES CURRICULUM STUDY, GIFTED STUDENT COMMITTEE  
(BSCS), GENETICS

22. SE 001 774 10 30 67 17 12 30 2 51 000 178  
BIOLOGICAL SCIENCES CURRICULUM STUDY  
RESEARCH PROBLEMS IN BIOLOGY - INVESTIGATIONS FOR STUDENTS  
SERIES THREE

DOUBLEDAY AND COMPANY, INC.

65 210  
\*ABLE STUDENTS, \*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*SECONDARY  
SCHOOL SCIENCE, \*STUDENT RESEARCH, \*SCIENCE ACTIVITIES, ANIMAL  
BEHAVIOR, BOTANY, ECOLOGY, MICROBIOLOGY, PHYSIOLOGY, SCIENCE  
PROJECTS, ZOOLOGY, BIOLOGICAL SCIENCES CURRICULUM STUDY, AMERICAN  
INSTITUTE OF BIOLOGICAL SCIENCES, GIFTED STUDENT COMMITTEE (BSCS),  
GENETICS

23. SE 001 775 10 30 67 17 12 30 2 51 000 178  
BIOLOGICAL SCIENCES CURRICULUM STUDY  
RESEARCH PROBLEMS IN BIOLOGY - INVESTIGATIONS FOR STUDENTS  
SERIES FOUR

DOUBLEDAY AND COMPANY, INC.

65 245  
\*ABLE STUDENTS, \*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*SECONDARY  
SCHOOL SCIENCE, \*STUDENT RESEARCH, \*SCIENCE ACTIVITIES, ANIMAL  
BEHAVIOR, BOTANY, ECOLOGY, GENETICS, MICROBIOLOGY, PHYSIOLOGY,  
SCIENCE PROJECTS, ZOOLOGY, AMERICAN INSTITUTE OF BIOLOGICAL  
SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY, GIFTED STUDENT  
COMMITTEE (BSCS),

24. SE 001 058 06 01 67 17 52 17 1 00 000 006  
BLANC, SAM S.  
DISTRIBUTION OF PHYSICAL SCIENCE PRINCIPLES IN JUNIOR HIGH  
SCHOOL TEXTBOOKS

SCIENCE EDUCATION

02 00 67 6  
\*EVALUATION, \*INSTRUCTIONAL MATERIALS, \*PHYSICAL SCIENCES,  
\*SECONDARY SCHOOL SCIENCE, \*SCIENCE PRINCIPLES, \*SCIENCE  
TEXTBOOKS, RESEARCH REPORTS

25. SE 001 669 08 18 67 06 43 38 1 00 000 197  
BLANCHARD, FRANK N.  
AN ELECTRIC ANALOG MODEL DEMONSTRATES GROUNDWATER FLOW

JOURNAL OF GEOLOGICAL EDUCATION

09 00 64 2  
\*EARTH SCIENCE, \*EQUIPMENT, \*SCIENCE EQUIPMENT, \*TEACHER RESOURCE  
MATERIALS, COLLEGE SCIENCE, GEOLOGY, MODELS (SCIENCE), PHYSICS

26. SE 000 654 06 05 67 17 42 11 1 32 000 200  
BORST, ROGER L.  
ROCKS AND MINERALS OF NEW YORK STATE

NEW YORK STATE DEPARTMENT OF EDUCATION

10 00 60 17  
\*EARTH SCIENCE, \*GEOLOGY, \*INSTRUCTIONAL MATERIALS, \*SECONDARY  
SCHOOL SCIENCE, \*TEACHER RESOURCE MATERIALS, MINERALOGY



27. SE 000 121 09 06 67 17 91 17 2 00 000 008  
BRADLEY, R. C. AND EARP, N. WESLEY  
A METHOD OF PRODUCING UP-TO-DATE SCIENCE MATERIAL FOR  
ELEMENTARY CHILDREN

JOURNAL OF RESEARCH IN SCIENCE TEACHING

66 4  
\*ELEMENTARY SCHOOL SCIENCE, \*GRADE 6, \*INSTRUCTIONAL MATERIALS,  
\*READING DIFFICULTY, \*SCIENCE MATERIALS, RESEARCH REPORTS

28. SE 000 360 08 21 67 17 91 38 1 00 000 010  
BRADLEY, R. C. AND EARP, N. WESLEY  
REWRITING SCIENCE MATERIALS FOR ELEMENTARY STUDENTS

SCIENCE AND CHILDREN

03 00 66 3  
\*ELEMENTARY SCHOOL SCIENCE, \*TEXTBOOK WRITING, CONCEPT FORMATION,  
\*READING LEVEL, TEXTBOOKS, SCIENTIFIC AMERICAN, "TEACHER'S WORD  
LIST OF 30,000 WORDS", "A LIST OF SPELLING DIFFICULTIES IN 3876  
WORDS"

29. SE 001 014 11 02 67 17 95 11 2 00 000 004  
BROWN, WALTER R.  
SCIENCE TEXTBOOK SELECTION AND THE DALE-CHALL FORMULA

SCHOOL SCIENCE AND MATHEMATICS

02 00 65 3  
\*EVALUATION, \*INSTRUCTIONAL MATERIALS, \*READABILITY, \*TEXTBOOKS,  
\*TEXTBOOK SELECTION, BIOLOGY, CHEMISTRY, ELEMENTARY SCHOOL SCIENCE,  
PHYSICS, READING LEVEL, SECONDARY SCHOOL SCIENCE, DALE-CHALL  
FORMULA



30. SE 001 315 11 17 67 17 53 17 2 22 000 319  
 BROWN, WILLARD ANDREW  
 AN EXPERIMENT USING PROGRAMMED MATERIAL AS SUPPLEMENTAL  
 INSTRUCTION IN COLLEGE PHYSICAL SCIENCE  
 UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
- 63 115  
 \*COLLEGE SCIENCE, \*INSTRUCTIONAL MATERIALS, \*INSTRUCTION,  
 \*MATERIAL DEVELOPMENT, \*PHYSICAL SCIENCES, \*PROGRAMED INSTRUCTION,  
 \*PROGRAMED MATERIALS, \*RESEARCH REPORTS, DOCTORAL THESES,  
 MATERIAL EVALUATION, 1963, UNIVERSITY OF FLORIDA
31. SE 001 958 09 05 67 17 92 17 2 22 000 319  
 BURDICK, JOHN GORDON  
 A STUDY OF CROSS-SECTION DRAWINGS USED AS TECHNICAL ILLUSTRATIONS  
 IN HIGH SCHOOL SCIENCE TEXTBOOKS  
 UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
- 59 92  
 \*READING COMPREHENSION, \*SECONDARY SCHOOL SCIENCE, \*TEXTBOOK  
 ILLUSTRATIONS, ACHIEVEMENT, AUDIOVISUAL AIDS, RESEARCH REPORTS,  
 TEXTBOOKS, 1959
32. SE 001 926 08 23 67 17 81 17 2 22 000 319  
 BURKEY, JACOB EUGENE  
 THE READABILITY LEVELS OF RECENTLY PUBLISHED ELEMENTARY SCIENCE  
 TEXTBOOKS #8881  
 UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
- 54 81  
 \*ELEMENTARY SCHOOL SCIENCE, \*RESEARCH REPORTS, \*TEXTBOOK  
 EVALUATION, EVALUATION, TEXTBOOKS, TEXTBOOK READABILITY,  
 VOCABULARY LEVEL, YOAKAM TECHNIQUE, THORNDIKE LIST, THORNDIKE  
 TEACHERS' WORDBOOK

33. SE 001 409 11 13 67 06 92 38 1 00 000 009  
 CALANDRA, ALEXANDER  
 APPARATUS USED IN THE ST. LOUIS JUNIOR HIGH SCHOOL PHYSICS PROGRAM

THE PHYSICS TEACHER

05 00 63 1  
 \*MECHANICS, \*PHYSICS, \*SCIENCE DEMONSTRATION, \*SCIENCE ACTIVITIES,  
 \*SCIENCE MATERIALS, \*SECONDARY SCHOOL SCIENCE, CHEMISTRY, GASSES,  
 GENERAL SCIENCE, FREON 12

34. SE 001 910 12 06 67 17 23 11 2 00 000 207  
 CAMPBELL, J. ARTHUR  
 WHY DO CHEMICAL REACTIONS OCCUR?

PRENTICE-HALL, INC.

65 117  
 \*COLLEGE SCIENCE, \*CHEMISTRY, \*CHEMICAL REACTIONS, \*ENTROPY,  
 \*INSTRUCTIONAL MATERIALS, \*REACTION RATES (CHEMISTRY), \*TEXTBOOKS,  
 CHEMICAL BONDING, CHEMICAL KINETICS, CHEMICAL ENERGY, SECONDARY  
 SCHOOL SCIENCE

35. SE 001 685 08 23 67 06 45 38 1 00 000 197  
 CAROZZI, ALBERT V.  
 A MAGNETIC BOARD AS TEACHING AID FOR HISTORICAL GEOLOGY

JOURNAL OF GEOLOGICAL EDUCATION

03 00 64 2  
 \*COLLEGE SCIENCE, \*EARTH SCIENCE, \*GEOLOGY, \*SECONDARY SCHOOL  
 SCIENCE, \*SCIENCE EQUIPMENT, INSTRUCTIONAL AIDS, MAPS,  
 \*MAGNETIC BOARD, TEACHER RESOURCE MATERIALS

36. SE 000 090 06 08 67 06 12 03 2 07 000 300  
 CASH, R. VINCENT AND OTHERS  
 SCIENCE BOOKS FOR SECONDARY SCHOOLS

CONNECTICUT SCIENCE TEACHERS ASSOCIATION, CENTRAL CONNECTICUT  
 STATE COLLEGE, NEW BRITAIN

66 40  
 \*BIOLOGY, \*SECONDARY SCHOOL SCIENCE, \*TEACHER RESOURCE  
 MATERIALS, \*BIBLIOGRAPHIES

37. SE 001 657 08 29 67 06 55 29 1 50 000 166  
CASPER-MIDWEST SCHOOL DISTRICTS  
THE CASPER PLANETARIUM

CASPER-MIDWEST SCHOOL DISTRICT, CASPER, WYOMING

66 4  
\*ASTRONOMY, \*MUSEUMS, \*PLANETARIA, \*SCIENCE FACILITIES, EDUCATIONAL  
PROGRAMS, PROGRAM DESCRIPTIONS, PHYSICAL SCIENCES, CASPER  
PLANETARIUM, CASPER, (WYOMING)

38. SE 000 288 07 14 67 06 23 38 1 00 000 003  
CAZES, JACK  
GEL PERMEATION CHROMATOGRAPHY - PART ONE

JOURNAL OF CHEMICAL EDUCATION

07 00 66 15  
\*ANALYTICAL CHEMISTRY, \*COLLEGE SCIENCE, \*CHEMISTRY, \*INSTRUMENTAL  
ANALYSIS, \*SCIENCE ACTIVITIES, CHROMATOGRAPHY, TEACHER RESOURCE  
MATERIALS

39. SE 001 320 11 20 67 17 92 17 2 22 000 319  
CHASE, JOHN B., JR.  
A PROJECT IN THE COOPERATIVE PRODUCTION OF INSTRUCTIONAL GUIDES  
FOR TEACHERS OF SCIENCE

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

54 366  
\*INSTRUCTIONAL AIDS, \*INSTRUCTIONAL MATERIALS, \*MATERIAL  
DEVELOPMENT, \*SECONDARY SCHOOL SCIENCE, \*TEACHERS' GUIDES,  
AUDIOVISUAL AIDS, BIOLOGY, CHEMISTRY, DOCTORAL THESES, EARTH  
SCIENCE, GENERAL SCIENCE, PHYSICAL SCIENCES, PHYSICS, RESEARCH  
REPORTS, 1954

40. SE 001 767 11 09 67 17 22 11 2 00 000 210  
 CHEMICAL BOND APPROACH PROJECT  
 CHEMICAL SYSTEMS

McGRAW HILL BOOK COMPANY

64 772  
 \*CHEMISTRY, \*COURSE CONTENT, \*INSTRUCTIONAL MATERIALS,  
 \*SECONDARY SCHOOL SCIENCE, CURRICULUM DEVELOPMENT, COLLEGE  
 SCIENCE, SCIENCE COURSE IMPROVEMENT PROJECT, MODELS, TEXTBOOKS,  
 CHEMICAL BOND APPROACH, NATIONAL SCIENCE FOUNDATION

41. SE 000 600 09 07 67 06 22 36 1 00 000 202  
 CHEMICAL EDUCATION MATERIALS STUDY  
 CHEMS STUDY FILM LIST

CHEMICAL EDUCATION MATERIALS STUDY (CHEMS)

4  
 \*AUDIOVISUAL AIDS, \*CHEMISTRY, \*INSTRUCTIONAL FILMS, \*SECONDARY  
 SCHOOL SCIENCE, SCIENCE COURSE IMPROVEMENT PROJECTS, \*FILM LISTS,  
 CHEMICAL EDUCATION MATERIALS STUDY

42. SE 001 901 11 09 67 17 22 11 2 05 000 202  
 CHEMICAL EDUCATION MATERIALS STUDY  
 CHEMISTRY - AN EXPERIMENTAL SCIENCE

W. H. FREEMAN AND COMPANY

63 466  
 \*CHEMISTRY, \*INSTRUCTIONAL MATERIALS, \*SECONDARY SCHOOL SCIENCE,  
 \*TEXTBOOKS, SCIENCE COURSE IMPROVEMENT PROJECT, CURRICULUM  
 DEVELOPMENT, COURSE CONTENT, CHEMICAL EDUCATION MATERIALS  
 STUDY

43. SE 001 903 11 09 67 17 22 10 2 05 000 202  
CHEMICAL EDUCATION MATERIALS STUDY  
CHEMISTRY - AN EXPERIMENTAL SCIENCE (LABORATORY MANUAL)

W. H. FREEMAN AND COMPANY

63 137  
\*CHEMISTRY, \*SCIENCE COURSE IMPROVEMENT PROJECT, \*INSTRUCTIONAL  
MATERIALS, \*LABORATORY MANUAL, \*SECONDARY SCHOOL SCIENCE,  
\*SCIENCE ACTIVITIES, CHEMICAL EDUCATION MATERIALS STUDY

44. SE 001 431 09 27 67 06 43 38 1 00 000 197  
CHRISTMAN, ROBERT A.  
A RELIEF MODEL FOR TEACHING TOPOGRAPHIC CONTOURS

JOURNAL OF GEOLOGICAL EDUCATION

10 00 65 1  
\*AUDIOVISUAL AIDS, \*COLLEGE SCIENCE, \*EARTH SCIENCE, \*MODELS,  
\*MAPS, \*SCIENCE MATERIALS, AUDIOVISUAL MATERIALS, GEOGRAPHY,  
INSTRUCTION, SCIENCE ACTIVITIES, SECONDARY SCHOOL SCIENCE,  
TOPOGRAPHIC CONTOURS

45. SE 001 803 11 20 67 07 03 36 2 51 000 333  
COMMISSION ON ENGINEERING EDUCATION  
MOTION PICTURES FOR ENGINEERING EDUCATION

COMMISSION ON ENGINEERING EDUCATION, 1501 NEW HAMPSHIRE AVENUE,  
N. W., WASHINGTON, D. C.

66 70  
\*AUDIOVISUAL AIDS, \*COLLEGE SCIENCE, \*EDUCATIONAL FILMS,  
\*ENGINEERING EDUCATION, FILM LISTS, FILMS, SCIENCE EDUCATION,  
SINGLE CONCEPT FILMS, THE COMMISSION ON ENGINEERING (WASHINGTON,  
D. C.), 1966

46. SE 000 237 07 19 67 06 23 38 1 00 000 003  
 CONLON, D. R.  
 UNATTENDED LABORATORY OPERATIONS - PART THREE

JOURNAL OF CHEMICAL EDUCATION

09 00 66 8  
 \*COLLEGE SCIENCE, \*CHEMISTRY, \*LABORATORY EQUIPMENT, \*LABORATORY  
 TECHNIQUES, \*LABORATORY SAFETY, EXOTHERMIC REACTIONS, SCIENCE  
 EQUIPMENT, TEACHER RESOURCE MATERIALS

47. SE 000 750 12 06 67 06 95 33 3 00 000 216  
 COUNCIL OF CHIEF STATE SCHOOL OFFICERS  
 PURCHASE GUIDE FOR PROGRAMS IN SCIENCE AND MATHEMATICS

GINN AND COMPANY

66 466  
 \*ELEMENTARY SCHOOL SCIENCE, \*SCIENCE EQUIPMENT, \*SECONDARY SCHOOL  
 SCIENCE, \*SCIENCE FACILITIES, BIBLIOGRAPHIES, BIOLOGY, EARTH  
 SCIENCE, CHEMISTRY, PHYSICS, SECONDARY SCHOOL MATHEMATICS, NATIONAL  
 SCIENCE FOUNDATION, COUNCIL OF CHIEF STATE SCHOOL OFFICERS

48. SE 001 796 09 12 67 17 35 37 2 42 000 188  
 CRAVEN, C. JACKSON  
 OUR ATOMIC WORLD

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
 INFORMATION, OAK RIDGE, TENNESSEE

12 00 64 37  
 \*ATOMIC ENERGY, \*INSTRUCTIONAL MATERIALS, \*PHYSICS, \*SECONDARY  
 SCHOOL SCIENCE, ADULT EDUCATION, COLLEGE SCIENCE, HISTORY, NUCLEAR  
 PHYSICS, \*SCIENCE HISTORY

49. SE 001 896 10 10 67 06 33 20 1 00 000 002  
 DALTON, ROBERT H.  
 SEALING WITH SOLDER GLASS

AMERICAN JOURNAL OF PHYSICS

06 00 64 4  
 \*COLLEGE SCIENCE, \*ELECTRONIC EQUIPMENT, \*LABORATORY EQUIPMENT,  
 \*LABORATORY TECHNIQUES, \*PHYSICS, \*SCIENCE EQUIPMENT, SPEECHES



50. SE 000 339 08 21 67 06 25 38 1 00 000 003  
DARLING, S. D.  
ENAMINE REACTIONS FOR THE UNDERGRADUATE ORGANIC LABORATORY
- JOURNAL OF CHEMICAL EDUCATION
- 12 00 66 2  
\*CHEMISTRY, \*COLLEGE SCIENCE, \*EQUIPMENT, \*LABORATORY TECHNIQUES,  
\*ORGANIC CHEMISTRY
51. SE 000 861 07 27 67 06 95 03 2 51 000 261  
DEASON, HILARY J.  
THE AAAS SCIENCE BOOK LIST FOR YOUNG ADULTS
- AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
- 64 250  
\*NATURAL SCIENCE, ADULT EDUCATION, ANNOTATED BIBLIOGRAPHIES,  
BIBLIOGRAPHIES, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCES
52. SE 001 588 07 27 67 17 92 10 1 18 000 160  
DeBLANC, JEFF  
ASTRONOMY, GENERAL SCIENCE AND PHYSICS
- ST. MARTIN PARISH SCHOOL, ST. MARTINVILLE, LOUISIANA
- 67 38  
\*ASTRONOMY, \*INSTRUCTIONAL MATERIALS, \*LABORATORY MANUALS,  
\*SCIENCE ACTIVITIES, \*SECONDARY SCHOOL SCIENCE, GENERAL SCIENCE,  
PHYSICS
53. SE 001 888 08 29 67 06 33 38 1 00 000 002  
DEWDNEY, JOHN W.  
APPARATUS NOTES
- AMERICAN JOURNAL OF PHYSICS
- 06 00 64 2  
\*COLLEGE SCIENCE, \*ELECTRONIC EQUIPMENT, \*PHYSICS, \*SCIENCE  
EQUIPMENT, ELECTRONICS



54. SE 000 655 06 08 67 17 15 11 1 32 000 200  
 DRUMM, JUDITH  
 MAMMOTHS AND MASTODONS - ICE AGE ELEPHANTS OF NEW YORK

NEW YORK STATE DEPARTMENT OF EDUCATION

63 31  
 \*FOSSILS, \*MAMMALS, \*PALEONTOLOGY, CARBON DATING, GEOLOGY,  
 \*INSTRUCTIONAL MATERIALS, NATIONAL DEFENSE EDUCATION ACT,  
 TITLE III

55. SE 000 232 07 14 67 06 23 38 1 00 000 003  
 DURST, RICHARD A.  
 POROUS GLASS SALT BRIDGES

JOURNAL OF CHEMICAL EDUCATION

08 00 66 2  
 \*CHEMISTRY, \*COLLEGE SCIENCE, \*ELECTROCHEMISTRY, \*EQUIPMENT,  
 \*SECONDARY SCHOOL SCIENCE, INSTRUCTION, LABORATORY TECHNIQUES,  
 CORNING POROUS GLASS, CORNING CLASS WORKS

56. SE 001 425 12 06 67 17 33 11 2 00 000 009  
 FEYNMAN, RICHARD P.  
 THE RELATION OF PHYSICS TO OTHER SCIENCES

THE PHYSICS TEACHER

03 00 64 4  
 \*COLLEGE SCIENCE, \*INSTRUCTIONAL MATERIALS, \*PHYSICS, \*TEXTBOOKS,  
 ASTRONOMY, BIOLOGY, CHEMISTRY, GEOLOGY, FEYNMAN LECTURES IN  
 PHYSICS, CALIFORNIA INSTITUTE OF TECHNOLOGY

57. SE 001 717 11 13 67 17 95 13 2 00 000 325  
 FORD, CHARLES A.  
 COMPTON'S ILLUSTRATED SCIENCE DICTIONARY

ENCYCLOPEDIA BRITANNICA, INC., CHICAGO, ILLINOIS

63 632  
 \*BIOLOGY, \*DICTIONARIES, \*ELEMENTARY SCHOOL SCIENCE, \*SECONDARY  
 SCHOOL SCIENCE, \*INSTRUCTIONAL MATERIALS, CHEMISTRY, EARTH  
 SCIENCE, PHYSICS, REFERENCE BOOKS, SCIENCE

58. SE 001 098 10 30 67 06 35 23 2 00 000 009  
 FRANCIS, BROTHER COLUMBAN  
 VECTOR VISUAL AIDS

THE PHYSICS TEACHER

03 00 67 2  
 \*AUDIOVISUAL AIDS, \*PHYSICS, \*SCIENCE EQUIPMENT, \*TEACHING  
 TECHNIQUES, COLLEGE SCIENCE, MATHEMATICS, OVERHEAD PROJECTORS,  
 SECONDARY SCHOOL SCIENCE, AMERICAN ASSOCIATION FOR PHYSICS TEACHERS  
 COMMITTEE ON VISUAL AIDS, AMERICAN ASSOCIATION FOR PHYSICS TEACHERS  
 AIDS SYMPOSIUM

59. SE 001 427 10 18 67 06 35 30 1 00 000 009  
 FRANCIS, REV. BROTHER COLUMBAN AND JAMES, REV. BROTHER FRANCIS  
 APPARATUS - LECTURE DEMONSTRATION AND LABORATORY - CLASSROOM  
 TECHNIQUES - OVERHEAD PROJECTION APPLICATIONS FOR SOME PSSC  
 MATERIAL  
 THE PHYSICS TEACHER

09 00 64 3  
 \*AUDIOVISUAL AIDS, \*OVERHEAD PROJECTORS, \*PHYSICS, \*SCIENCE  
 EQUIPMENT, \*SECONDARY SCHOOL SCIENCE, COLLEGE SCIENCE, LIGHT,  
 DEMONSTRATIONS, LABORATORY EXPERIMENTS, PROJECTILE MOTION,  
 SCIENCE ACTIVITIES, PHYSICAL SCIENCE STUDY COMMITTEE

60. SE 000 338 08 21 67 17 25 38 1 00 000 003  
 FREEDMAN, LEON D.  
 THE HOFMANN RULE

JOURNAL OF CHEMICAL EDUCATION

12 00 66 1  
 \*CHEMISTRY, \*COLLEGE SCIENCE, \*ORGANIC CHEMISTRY, \*TEXTBOOK  
 ERRORS, COURSE CONTENT MATERIALS, HOFMANN RULE

61. SE 001 196 09 05 67 06 35 30 1 00 000 009  
 FREIR, GEORGE D.  
 STATIC EQUILIBRIUM PROBLEMS SOLVED WITH JIGSAW PUZZLES

THE PHYSICS TEACHER

04 00 67 2  
 \*COLLEGE SCIENCE, \*EQUILIBRIUM, \*FORCES, \*PHYSICS, \*SCIENCE  
 EQUIPMENT, \*SECONDARY SCHOOL SCIENCE, TEACHER RESOURCE MATERIALS

62. SE 001 408 10 10 67 06 32 30 1 00 000 009  
 GALLEY, ELMER L.  
 AN INEXPENSIVE CONTINUOUS CLOUD CHAMBER

THE PHYSICS TEACHER

05 00 63 2  
 \*CLOUD CHAMBERS, \*SCIENCE EQUIPMENT, \*SCIENCE ACTIVITIES, PHYSICS,  
 NUCLEAR PHYSICS, SECONDARY SCHOOL SCIENCE

63. SE 001 482 12 06 67 17 93 10 2 42 000 188  
 GLEASON, GEOFFREY I.  
 ISOTOPIC NEUTRON SOURCE EXPERIMENTS

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
 INFORMATION

03 00 67 51  
 \*COLLEGE SCIENCE, \*NEUTRON ACTIVATION, CHEMISTRY, INSTRUCTIONAL  
 MATERIALS, PHYSICS, SCIENCE EXPERIMENTS, RADIOISOTOPES, RADIATION  
 MEASUREMENT SYSTEMS, SCIENCE ACTIVITIES, OAK RIDGE ASSOCIATED  
 UNIVERSITIES, NUCLEAR SCIENCES, \*NUCLEAR CHEMISTRY, \*NUCLEAR  
 PHYSICS, OAK RIDGE, TENNESSEE

64. SE 001 093 07 13 67 06 32 38 1 00 000 009  
 GOTTLIEB, HERBERT H.  
 APPARATUS FOR TEACHING PHYSICS

THE PHYSICS TEACHER

02 00 67 2  
 \*PHYSICS, \*SCIENCE EQUIPMENT, \*SECONDARY SCHOOL SCIENCE,  
 LABORATORY EQUIPMENT, TEACHER RESOURCE MATERIALS, AMERICAN  
 ASSOCIATION OF PHYSICS TEACHERS (AAPT)

65. SE 001 101 08 18 67 06 32 28 1 00 000 009  
 GOTTLIEB, HERBERT H. AND OTHERS  
 APPARATUS FOR TEACHING PHYSICS

THE PHYSICS TEACHER

03 00 67 2  
 \*PHYSICS, \*SCIENCE EQUIPMENT, \*SECONDARY SCHOOL SCIENCE,  
 \*DEMONSTRATIONS (SCIENCE), \*TEACHER RESOURCE MATERIALS, ELECTRICITY,  
 LIGHT, AMERICAN ASSOCIATION OF PHYSICS TEACHERS

66. SE 001 429 10 10 67 17 45 38 1 00 000 197  
HAGNI, RICHARD D.  
IGNEOUS ROCK NOMENCLATURE CHART FOR PETROLOGY STUDENTS

JOURNAL OF GEOLOGICAL EDUCATION

10 00 65 2  
\*EARTH SCIENCE, \*GEOLOGY, \*INSTRUCTIONAL AIDS, \*ROCK CLASSIFICATION,  
COLLEGE SCIENCE, IGNEOUS ROCKS, PETROLOGY, SECONDARY SCHOOL SCIENCE

67. SE 000 205 07 06 67 06 32 30 1 00 000 009  
HARRIS, J. AND AHLGREN, A.  
APPARATUS-LECTURE DEMONSTRATION AND LABORATORY. CLASSROOM  
TECHNIQUES

THE PHYSICS TEACHER

10 00 66 9  
\*EQUIPMENT, \*PHYSICS, \*SECONDARY SCHOOL SCIENCE, \*TEACHER  
DEMONSTRATIONS, \*DEMONSTRATION EQUIPMENT, DEMONSTRATION  
TECHNIQUES, HARVARD PROJECT PHYSICS, HARVARD UNIVERSITY,  
CAMBRIDGE, MASSACHUSETTS

68. SE 001 184 10 31 67 06 32 38 1 00 000 009  
HARVALIK, Z. V.  
A SIMPLE DEMONSTRATION SPECTROSCOPE

THE PHYSICS TEACHER

03 00 66 2  
\*PHYSICS, \*SCIENCE EQUIPMENT, \*SECONDARY SCHOOL SCIENCE, \*SCIENCE  
DEMONSTRATIONS, LIGHT, SCIENCE ACTIVITIES, SPECTROSCOPY,

69. SE 001 709 11 13 67 06 25 38 1 32 000 339  
HASSETT, ELEANOR D.  
HOW SAFE IS YOUR STOCKROOM?

THE SCIENCE TEACHERS BULLETIN

66 4  
\*CHEMISTRY, \*CHEMICALS, \*LABORATORY SAFETY, \*SCIENCE MATERIALS,  
\*SECONDARY SCHOOL SCIENCE, \*SAFETY, COLLEGE SCIENCE

70. SE 001 522 12 06 67 18 86 14 2 11 000 200  
 HAWAII STATE DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT  
 DIRECTORY OF HAWAII'S SCIENTIFIC RESOURCES

HAWAII STATE DEPARTMENT OF EDUCATION

65 55  
 \*COMPUTER SCIENCES, \*DIRECTORIES, \*EDUCATION, \*EDUCATIONAL  
 RESOURCES, \*LIBRARIES, \*PROFESSIONAL ASSOCIATION, \*RESEARCH AND  
 DEVELOPMENT CENTERS, \*RESEARCH AGENCIES, RESOURCE CENTERS,  
 \*TESTING LABORATORIES, SCIENCE RESOURCES, HAWAII

71. SE 000 175 08 21 67 17 12 10 1 00 000 001  
 HEADSTROM, RICHARD  
 THE SHRUBS OF MASSACHUSETTS - A KEY TO LEAF CHARACTERS

AMERICAN BIOLOGY TEACHER

09 00 66 4  
 \*BIOLOGY, \*BOTANY, \*INSTRUCTIONAL MATERIALS, \*IDENTIFICATION  
 KEYS, \*SECONDARY SCHOOL SCIENCE,

72. SE 001 985 09 14 67 06 33 17 2 22 000 319  
 HELMS, RUFUS MARSHALL  
 THE DESIGN AND CONSTRUCTION OF APPARATUS FOR LABORATORY INSTRUCTION  
 IN ALTERNATING CURRENT IN THE COLLEGE PHYSICS COURSE

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

57 212  
 \*ALTERNATING CURRENT, \*ELECTRICITY, \*COLLEGE SCIENCE, \*SCIENCE  
 ACTIVITIES, \*PHYSICS, \*SCIENCE EQUIPMENT, LABORATORY EQUIPMENT,  
 RESEARCH REPORTS, SCIENCE PRINCIPLES, 1957

73. SE 001 219 07 25 67 17 12 17 2 22 000 319  
 HILL, CASPER WILLIAM  
 A SYLLABUS OF A COURSE IN GENERAL BIOLOGY FOR THE NON-ACADEMIC  
 STUDENT IN HIGH SCHOOL

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

63 375  
 \*BIOLOGY, \*COURSE CONTENT, \*SECONDARY SCHOOL SCIENCE, EDUCATIONAL  
 OBJECTIVES, NONACADEMIC STUDENTS, STUDENT INTERESTS, RESEARCH  
 REPORTS, SYLLABUSES, NEW YORK, NEW JERSEY, PENNSYLVANIA

74. SE 001 487 10 10 67 17 96 37 1 42 000 188  
 HINES, NEAL O.  
 ATOMS, NATURE, AND MAN

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
 INFORMATION

04 00 66 58  
 \*ECOLOGY, \*ENVIRONMENTAL INVESTIGATIONS, \*ENVIRONMENTAL  
 CONTAMINATION, \*RADIOACTIVITY, BIOLOGY, BIBLIOGRAPHIES, PHYSICAL  
 SCIENCES, UNITED STATES ATOMIC ENERGY COMMISSION

75. SE 000 369 08 21 67 06 15 38 1 00 000 010  
 HOBBS, WALTER R. JR.  
 A SALTWATER AQUARIUM

SCIENCE AND CHILDREN

05 00 66 2  
 \*BIOLOGY, \*ELEMENTARY SCHOOL SCIENCE, \*MARINE BIOLOGY, \*TEACHER  
 RESOURCE MATERIALS, AQUARIUMS

76. SE 000 248 07 10 67 06 23 33 1 00 000 003  
 HOEHN, W. M. AND JOHNSTON, J. DERLAND  
 EQUIPMENT FOR USE IN ORGANIC SYNTHESIS

JOURNAL OF CHEMICAL EDUCATION

10 00 66 2  
 \*COLLEGE SCIENCE, \*CHEMISTRY, \*LABORATORY EQUIPMENT, ORGANIC  
 CHEMISTRY, SCIENCE EQUIPMENT, TEACHER RESOURCE MATERIALS

77. SE 000 424 08 22 67 06 12 30 1 00 000 007  
 HOFF, DARREL AND RICHTER, ERWIN  
 AUTORADIOGRAPHS AT REASONABLE COST

THE SCIENCE TEACHER

09 00 65 2  
 \*AUTORADIOGRAPHY, \*BIOLOGY, \*RADIOISOTOPES, \*SECONDARY SCHOOL  
 SCIENCE, PHYSICS, RADIATION BIOLOGY



78. SE 000 297 07 10 67 06 22 38 1 00 000 003  
 HOMEIER, E. AND LARSEN, E. M.  
 METAL ATOM MODELS FOR COORDINATION NUMBER EIGHT COMPOUNDS
- JOURNAL OF CHEMICAL EDUCATION
- 07 00 66 2  
 \*ATOMIC MODELS, \*CHEMISTRY, \*COLLEGE SCIENCE, \*SCIENCE  
 DEMONSTRATION EQUIPMENT, SCIENCE MODELS, SCIENCE EQUIPMENT,  
 TEACHER RESOURCE MATERIALS
79. SE 001 897 10 18 67 06 33 30 1 00 000 002
- HOMEMADE HIGH VACUUM TECHNIQUES
- AMERICAN JOURNAL OF PHYSICS
- 06 00 64 8  
 \*COLLEGE SCIENCE, \*LABORATORY TECHNIQUES, \*PHYSICS, \*SCIENCE  
 EQUIPMENT, \*VACUUM TUBES, ELECTRONIC EQUIPMENT, INSTRUCTIONAL  
 PROCEDURES, LABORATORY EQUIPMENT
80. SE 000 706 06 29 67 17 31 11 1 15 000 200  
 IOWA STATE DEPARTMENT OF PUBLIC INSTRUCTION  
 BARBARA AND HOWARD DISCOVER ATOMIC ENERGY
- IOWA STATE DEPARTMENT OF PUBLIC INSTRUCTION
- 50 20  
 \*ATOMIC ENERGY, \*COURSE CONTENT, \*ELEMENTARY SCHOOL SCIENCE,  
 \*GRADES 7, 8, ATOMIC THEORY, CURRICULUM DEVELOPMENT, TEACHER  
 RESOURCE MATERIALS, \*INSTRUCTIONAL MATERIALS
81. SE 000 414 08 15 67 06 35 38 1 00 000 010  
 JOHNS, KENNETH W.  
 TIN CAN BAROMETER REVISITED
- SCIENCE AND CHILDREN
- 10 00 65 1  
 \*AIR PRESSURE, \*ELEMENTARY SCHOOL SCIENCE, \*SECONDARY SCHOOL  
 SCIENCE, \*SCIENTIFIC METHODOLOGY, \*TEACHING TECHNIQUES, BAROMETERS,  
 SCIENCE ACTIVITIES, SCIENCE EQUIPMENT



82. SE 001 259 08 22 67 06 35 30 1 00 000 009  
 KANTOR, FREDERICK W.  
 APPARATUS - LECTURE DEMONSTRATION AND LABORATORY. CLASSROOM  
 TECHNIQUES USING POLAROID LAND SHEET FILM PACKETS FOR RADIATION  
 EXPERIMENTS AND DEMONSTRATIONS  
 THE PHYSICS TEACHER
- 03 00 65 2  
 \*AUTORADIOGRAPHY, \*COLLEGE SCIENCE, \*PHYSICS, \*RADIATION DETECTION,  
 \*SCIENCE ACTIVITIES, \*SECONDARY SCHOOL SCIENCE, \*SCIENCE EQUIPMENT,  
 TEACHER RESOURCE MATERIALS
83. SE 000 225 07 06 67 06 23 38 1 00 000 003  
 KAPAUAN, A. F.  
 CARDBOARD ORBITAL DOMAIN MODELS
- JOURNAL OF CHEMICAL EDUCATION
- 08 00 66 2  
 \*ATOMIC THEORY, \*AUDIOVISUAL AIDS, \*CHEMISTRY, \*COLLEGE SCIENCE,  
 INSTRUCTION, MODELS, PHYSICS, TEACHING TECHNIQUES
84. SE 001 982 09 12 67 17 92 17 2 22 000 319  
 KASLING, ROBERT WILLIAM  
 COOPERATING WITH NATURE - A REFERENCE BOOK OF THE CONSERVATION  
 OF NATURAL RESOURCES PREPARED FOR THE JUNIOR HIGH SCHOOL LEVEL  
 UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
- 54 415  
 \*CONSERVATION EDUCATION, \*SECONDARY SCHOOL SCIENCE, \*TEACHER  
 RESOURCE MATERIALS, INSTRUCTIONAL MATERIALS, RESEARCH REPORTS,  
 SCIENCE ACTIVITIES, READING LEVEL, SOCIAL EDUCATION, 1954
85. SE 000 425 08 22 67 06 95 38 1 00 000 007  
 KELANIC, RICHARD A.  
 SOME SAFER WAYS
- THE SCIENCE TEACHER
- 09 00 65 1  
 \*LABORATORY TECHNIQUES, \*SAFETY, \*SECONDARY SCHOOL SCIENCE,  
 BIOLOGY, CHEMISTRY, PHYSICS

86. SE 000 296 07 10 67 06 22 38 1 00 000 003  
KELLETT, J. C. AND MARTIN, A. N.  
INEXPENSIVE SPACE-FILLING DISPLAY MODELS

JOURNAL OF CHEMICAL EDUCATION

07 00 66 2  
\*COLLEGE SCIENCE, \*CHEMISTRY, \*DISPLAYS, \*MOLECULAR MODELS,  
\*SCIENCE DEMONSTRATION TECHNIQUES, \*SCIENCE DEMONSTRATION  
EQUIPMENT, SCIENCE MODELS, SCIENCE EQUIPMENT, TEACHER RESOURCE  
MATERIALS

87. SE 001 895 10 18 67 06 33 30 1 00 000 002  
KING, JOHN G.  
EXPERIENCES WITH SOLDER GLASS AND STUDENTS

AMERICAN JOURNAL OF PHYSICS

06 00 64 5  
\*ELECTRONIC EQUIPMENT, \*SCIENCE EQUIPMENT, \*SCIENCE COURSES,  
COLLEGE SCIENCE, INSTRUCTIONAL PROCEDURES, LABORATORY EXPERIMENTS,  
LABORATORY COURSES, PHYSICS, PROJECT REPORTS, SCIENCE ACTIVITIES,  
SEMINARS, MASSACHUSETTS, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

88. SE 001 491 12 06 67 18 15 37 2 42 000 188  
KISILESKI, WALTER E. AND BASERGA, RENATO  
RADIOISOTOPES AND LIFE PROCESSES

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
INFORMATION, OAK RIDGE, TENNESSEE

04 00 66 50  
\*HUMAN BIOLOGY, \*LIFE PROCESSES, \*PROTEIN SYNTHESIS, ADULT  
EDUCATION, \*RADIOISOTOPES, APPLIED SCIENCE, AUTORADIOGRAPHY,  
BIOLOGY, BIBLIOGRAPHIES, CHROMATOGRAPHY, FILMS, NUCLEIC ACIDS,  
INSTRUCTIONAL MATERIALS, QUANTITATIVE ANALYSIS, RADIATION  
BIOLOGY, SECONDARY SCHOOL SCIENCE, RIBONUCLEIC ACID,  
DEOXYRIBONUCLEIC ACID

89. SE 000 013 09 06 67 06 42 17 2 22 000 319  
 KLINE, LOREN E. JR.  
 EIGHTH-GRADE EARTH SCIENCE
- UNIVERSITY MICROFILM, ANN ARBOR, MICHIGAN
- 66 262  
 \*EVALUATION, \*EARTH SCIENCE, \*GRADE 8, \*SECONDARY SCHOOL SCIENCE,  
 READABILITY, SCIENCE FACILITIES, SCIENCE EQUIPMENT, TEACHER  
 EDUCATION, TEXAS EDUCATION AGENCY, EARTH SCIENCE CURRICULUM  
 PROJECT, TEXAS
90. SE 000 218 07 18 67 06 32 38 1 00 000 009  
 KNOOP, LOWELL W.  
 APPARATUS-LECTURE DEMONSTRATION AND LABORATORY CLASSROOM TECHNIQUES
- THE PHYSICS TEACHER
- 09 00 66 1  
 \*DEMONSTRATION TECHNIQUES, \*EQUIPMENT, \*PHYSICS, \*SECONDARY  
 SCHOOL SCIENCE, \*WAVE BEHAVIOR, INNOVATIONS, LABORATORY TECHNIQUES
91. SE 000 220 07 06 67 06 35 38 1 00 000 009  
 KOLB, KEMP BENNETT  
 INSTANT SPECTROGRAPH
- THE PHYSICS TEACHER
- 09 00 66 2  
 \*EQUIPMENT, \*LABORATORY TECHNIQUES, \*PHYSICS, \*SPECTROGRAPHY,  
 COLLEGE SCIENCE, INSTRUCTION, OPTICS, SECONDARY SCHOOL SCIENCE,  
 PHYSICAL SCIENCE STUDY COMMITTEE
92. SE 001 181 07 13 67 06 36 38 1 00 000 009  
 KOLB, KEMP BENNETT  
 "RECIPROCATING" ENGINE
- THE PHYSICS TEACHER
- 03 00 66 1  
 PHYSICS, SCIENCE EQUIPMENT, SECONDARY SCHOOL SCIENCE, TEACHER  
 DEMONSTRATIONS, TEACHER RESOURCE MATERIALS, DRINKING DUCK

93. SE 000 350 08 21 67 06 15 38 1 00 000 007  
 KOUKKARI, WILLARD L. AND FITZGIBBON, WILLIAM H.  
 MODEL TO DEMONSTRATE PLANT GROWTH

THE SCIENCE TEACHER

12 00 64 1  
 \*AUXINS, \*BIOLOGY, \*COLLEGE SCIENCE, \*PLANT GROWTH, \*SECONDARY  
 SCHOOL SCIENCE, BOTANY, PHOTOTROPISM

94. SE 000 303 07 10 67 06 22 38 1 00 000 003  
 KRUCZYNSKI, LEONARD  
 CONSTRUCTION OF AN INEXPENSIVE "SPOT FOLLOWER" RECORDER  
 (DC AMPLIFIER)

JOURNAL OF CHEMICAL EDUCATION

07 00 66 2  
 \*COLLEGE SCIENCE, \*CHEMISTRY, \*DEMONSTRATION EQUIPMENT, \*PHYSICS,  
 SCIENCE EQUIPMENT, TEACHER RESOURCE MATERIALS

95. SE 000 439 08 25 67 06 22 38 1 00 000 007  
 KUHN, EDWARD T.  
 CONSTRUCTION AND USE OF A SPECTROSCOPE IN HIGH SCHOOL CHEMISTRY

THE SCIENCE TEACHER

04 00 64 2  
 \*CHEMISTRY, \*EQUIPMENT CONSTRUCTION, \*PHYSICS, \*SCIENCE EQUIPMENT,  
 \*SECONDARY SCHOOL SCIENCE, \*SPECTROSCOPY, LABORATORY TECHNIQUES,  
 OPTICS, PHYSICAL SCIENCE STUDY COMMITTEE

96. SE 000 666 07 27 67 06 12 33 1 06 000 238  
 LEE, ADDISON E.  
 BSCS NEWSLETTER - PLASTIC DISCARDS MAKE GOOD LABORATORY DISHES

BIOLOGICAL SCIENCE CURRICULUM STUDY, UNIVERSITY OF COLORADO,  
 BOULDER

04 00 65 4  
 \*BIOLOGY, \*LABORATORY EQUIPMENT, \*SECONDARY SCHOOL SCIENCE,  
 \*SCIENCE MATERIALS, \*SCIENCE EQUIPMENT, \*TEACHER RESOURCE  
 MATERIALS, BIOLOGICAL SCIENCE CURRICULUM STUDY

97. SE 001 666 11 01 67 06 45 30 1 00 000 197  
LEHR, JAY HERBERT  
GROUND-WATER FLOW MODELS SIMULATING SUBSURFACE CONDITIONS

JOURNAL OF GEOLOGICAL EDUCATION

12 00 63 5  
\*AUDIOVISUAL AIDS, \*COLLEGE SCIENCE, \*EARTH SCIENCE, GEOLOGY,  
GROUND WATER, INSTRUCTION, MODELS (SCIENTIFIC), \*SCIENCE  
EQUIPMENT, SCIENCE ACTIVITIES, SECONDARY SCHOOL SCIENCE,

98. SE 000 352 08 21 67 06 91 38 1 00 000 010  
LEONARD, EDWARD H.  
A MODIFIED METER STICK

SCIENCE AND CHILDREN

03 00 66 4  
\*DEMONSTRATIONS (SCIENCE), \*ELEMENTARY SCHOOL SCIENCE, \*SCIENCE  
ACTIVITIES, \*MEASUREMENTS (SCIENTIFIC), INTERMEDIATE GRADES,  
PRIMARY GRADES

99. SE 000 221 07 06 67 06 23 38 1 00 000 003  
LEWIN, S. Z.  
CHEMICAL INSTRUMENTATION

JOURNAL OF CHEMICAL EDUCATION

08 00 66 17  
\*CHEMISTRY, \*COLLEGE SCIENCE, \*CHROMATOGRAPHY, \*EQUIPMENT,  
\*LABORATORY PROCEDURES, ANALYTICAL PROCEDURES, INSTRUCTION

100. SE 001 864 10 30 67 10 22 17 2 22 000 319  
LINDBECK, JOY S.  
A STUDY OF THE EFFECTS OF RESPONSE MODE ON PROGRAMMED TEXTBOOK  
LEARNING RELATIVE TO ATOMIC STRUCTURE

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 131  
\*ATOMIC STRUCTURE, \*CHEMISTRY, \*INSTRUCTIONAL PROCEDURES,  
\*PROGRAMED INSTRUCTION, \*RESEARCH REPORTS, \*SECONDARY SCHOOL  
SCIENCE, TEXTBOOKS, 1964

101. SE 000 393 08 21 67 06 41 38 1 00 000 010  
LOKKE, DONALD H. AND WILKERSON, ELAINE R.  
REALISTIC EARTH REPLICAS

SCIENCE AND CHILDREN

03 00 65 2  
\*DISPLAYS, \*EARTH SCIENCE, \*ELEMENTARY SCHOOL SCIENCE, SCIENCE  
ACTIVITIES, AUDIOVISUAL AIDS

102. SE 000 608 07 07 67 06 85 38 1 18 000 200  
LOUISIANA STATE DEPARTMENT OF EDUCATION  
GLASSWARE CLEANING METHODS

LOUISIANA STATE DEPARTMENT OF EDUCATION

2  
\*COLLEGE SCIENCE, \*LABORATORY TECHNIQUES, NATURAL SCIENCES,  
SECONDARY SCHOOL SCIENCE, GLASSWARE

103. SE 000 595 06 01 67 17 45 30 1 18 000 200  
LOUISIANA STATE DEPT. OF EDUCATION  
KEY TO SELECTED MINERALS

LOUISIANA STATE DEPARTMENT OF EDUCATION

62 6  
\*IDENTIFICATION KEYS, \*ROCKS AND MINERALS, \*TEACHER RESOURCE  
MATERIALS, EARTH SCIENCE, ELEMENTARY SCHOOL SCIENCE, GEOLOGY,  
COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE

104. SE 000 609 07 07 67 17 15 30 1 18 000 200  
LOUISIANA STATE DEPARTMENT OF EDUCATION  
METALLIC LUSTER

LOUISIANA STATE DEPARTMENT OF EDUCATION

3  
\*EARTH SCIENCE, \*GEOLOGY, \*INSTRUCTIONAL MATERIALS, \*MINEROLOGY,  
\*IDENTIFICATION KEYS



105. SE 000 594 06 01 67 06 25 15 1 18 000 200  
LOUISIANA STATE DEPT. OF EDUCATION  
THE PROPER STORING OF CHEMICALS

LOUISIANA STATE DEPT. OF EDUCATION

4  
\*COLLEGE SCIENCE, \*ELEMENTARY SCHOOL SCIENCE, \*LABORATORY  
TECHNIQUES, \*CHEMICAL STORAGE, \*SAFETY, \*SECONDARY SCHOOL  
SCIENCE, TEACHER RESOURCE MATERIALS

106. SE 000 337 08 21 67 06 25 38 1 00 000 003  
LOWELL, S. AND MALAMUD, H.  
DESIGN AND CONSTRUCTION OF A THERMAL CONDUCTIVITY GAS ANALYZER

JOURNAL OF CHEMICAL EDUCATION

12 00 66 3  
\*ANALYTICAL CHEMISTRY, \*COLLEGE SCIENCE, \*EQUIPMENT, \*GAS  
CHROMATOGRAPHY, \*SECONDARY SCHOOL SCIENCE, CHEMISTRY

107. SE 000 929 09 05 67 17 85 20 2 00 000 004  
MALLINSON, GEORGE G.  
READING AND TEACHING OF SCIENCE

SCHOOL SCIENCE AND MATHEMATICS

02 00 64 4  
\*ELEMENTARY SCHOOL SCIENCE, \*INSTRUCTIONAL MATERIALS, \*PAPERS,  
\*READING LEVEL, \*SECONDARY SCHOOL SCIENCE, EVALUATION,  
TEXTBOOKS, TRADEBOOKS

108. SE 001 473 10 10 67 17 92 17 3 00 000 004  
MALLINSON, GEORGE G. AND MALLINSON, JACQUELINE V.  
SYMBOLIC SCIENCE LEARNING FOR THE BLIND

SCHOOL SCIENCE AND MATHEMATICS

05 00 67 10  
\*LEARNING, \*SECONDARY SCHOOL SCIENCE, \*SYMBOLIC LEARNING,  
\*VISUALLY HANDICAPPED, HANDICAPPED STUDENTS, INSTRUCTIONAL  
MATERIALS, PROGRAMED INSTRUCTION, NATIONAL ASSOCIATION FOR  
RESEARCH IN SCIENCE TEACHING, UNITED STATES OFFICE OF EDUCATION,  
1967, BRAILLE



109. SE 000 291 07 14 67 06 23 38 1 00 000 003  
 MALMSTADT, H. V. AND CROUCH, S. R.  
 SYSTEMS FOR AUTOMATIC DIRECT READOUT OF RATE DATA

JOURNAL OF CHEMICAL EDUCATION

07 00 66 13  
 \*COLLEGE SCIENCE, \*CHEMISTRY, \*LABORATORY EQUIPMENT, \*PHYSICAL  
 CHEMISTRY, \*REACTION RATES, \*SCIENCE EQUIPMENT, INSTRUMENTATION,  
 LABORATORY TECHNIQUES, MEASUREMENT (SCIENTIFIC), TEACHER RESOURCE  
 MATERIALS

110. SE 000 324 08 21 67 06 15 38 1 00 000 010  
 MARCH, SYLVESTER G.  
 WHEN TREES GO TO SCHOOL

SCIENCE AND CHILDREN

11 00 66 2  
 \*BIOLOGY, \*ELEMENTARY SCHOOL SCIENCE, \*FIELD TECHNIQUES, \*SECONDARY  
 SCHOOL SCIENCE, BOTANY, CONSERVATION, SCHOOL GROUNDS, UNITED  
 STATES NATIONAL ARBORETUM

111. SE 000 323 08 21 67 06 15 38 1 00 000 010  
 MARCH, SYLVESTER G.  
 WINDOWSILL GREENHOUSE

SCIENCE AND CHILDREN

11 00 66 4  
 \*BIOLOGY, \*ELEMENTARY SCHOOL SCIENCE, \*LABORATORY TECHNIQUES,  
 \*PLANT PROPAGATION, \*SECONDARY SCHOOL SCIENCE, BOTANY, GENERAL  
 SCIENCE, UNITED STATES NATIONAL ARBORETUM

112. SE 000 748 08 25 67 17 31 11 2 00 000 218  
 MARK, STEPHEN J.  
 A PHYSICS LAB OF YOUR OWN

HOUGHTON MIFFLIN COMPANY

64 185  
 ELEMENTARY SCHOOL SCIENCE, PHYSICS, SCIENCE ACTIVITIES, TEXTBOOKS

113. SE 000 513 10 11 67 17 12 20 2 00 000 004  
 McCAFFERTY, ROBERT C.  
 UNDERSTANDING HEREDITY
- SCHOOL SCIENCE AND MATHEMATICS
- 01 00 67 28  
 \*BIOLOGY, \*GENETICS, \*SECONDARY SCHOOL SCIENCE, CONCEPTS, SCIENCE  
 ACTIVITIES, HEREDITY
114. SE 001 395 09 22 67 06 43 32 1 00 000 197  
 McGEHEE, RICHARD V.  
 ADAPTION OF ORDINARY MICROSCOPES FOR PETROGRAPHIC USE
- JOURNAL OF GEOLOGICAL EDUCATION
- 06 00 66 1  
 \*EARTH SCIENCE, \*MICROSCOPES, \*PHOTOGRAPHY, \*SCIENCE EQUIPMENT,  
 COLLEGE SCIENCE, MINERALS, \*ROCKS
115. SE 000 212 07 18 67 06 15 38 1 00 000 001  
 McMILLIN, JOHN  
 THE CROSS REFERENCE - AN INVALUABLE AID TO TEACHING AND RESEARCH  
 IN THE BIOLOGICAL SCIENCES
- THE AMERICAN BIOLOGY TEACHER
- 11 00 66 2  
 \*INFORMATION RETRIEVAL, \*INFORMATION STORAGE, \*INDEXING, \*TEACHER  
 RESOURCE MATERIALS, BIOLOGY, COLLEGE SCIENCE, ELEMENTARY SCHOOL  
 SCIENCE, SECONDARY SCHOOL SCIENCE
116. SE 000 519 07 24 67 06 13 38 1 00 000 001  
 McMILLIN, JOHN  
 MODIFICATION OF A DENTAL X-RAY UNIT FOR GENERAL RADIOBIOLOGICAL  
 APPLICATION
- THE AMERICAN BIOLOGY TEACHER
- 01 00 67 4  
 \*BIOLOGY, \*COLLEGE SCIENCE, \*RADIATION BIOLOGY, \*SCIENCE EQUIPMENT,  
 \*X-RAYS, LABORATORY TECHNIQUES

117. SE 000 340 08 21 67 17 22 38 1 00 000 003  
MEITES, LOUIS AND OTHERS  
ARE SOLUBILITIES AND SOLUBILITY PRODUCTS RELATED?

JOURNAL OF CHEMICAL EDUCATION

12 00 66 6  
\*CHEMISTRY, \*SECONDARY SCHOOL SCIENCE, \*SOLUBILITY, \*TEXTBOOK  
ERRORS, COLLEGE SCIENCE, COURSE CONTENT MATERIALS, CHEMICAL  
EDUCATION MATERIALS STUDY, CHEMICAL BOND APPROACH

118. SE 001 598 07 31 67 06 95 38 1 00 000 007  
MITCHELL, JOHN, JR.  
EXPLOSIONS

THE SCIENCE TEACHER

03 00 67 2  
\*CHEMISTRY, \*INSTRUCTIONAL MATERIALS, \*SAFETY, \*SCIENCE EQUIPMENT,  
\*SCIENCE MATERIALS, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE,  
LABORATORY EQUIPMENT

119. SE 001 970 09 12 67 17 72 17 2 22 000 319  
MOORE, ARNOLD JOHN  
THE PREPARATION AND EVALUATION OF UNIT TEXT MATERIALS IN SCIENCE  
FOR LOW-ABILITY JUNIOR HIGH SCHOOL STUDENTS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

61 426  
\*GENERAL SCIENCE, \*INSTRUCTIONAL MATERIALS, \*RESEARCH REPORTS,  
\*READING DIFFICULTY, \*SECONDARY SCHOOL SCIENCE, \*SLOW LEARNERS,  
INSTRUCTION, LOW ABILITY STUDENTS, READING, TEXTBOOKS, DALE-CHALL  
READABILITY FORMULA, 1961

120. SE 000 231 07 06 67 06 23 38 1 00 000 003  
MOREAU, WAYNE M.  
TRANSFER APPARATUS FOR DEGASSED SOLUTIONS

JOURNAL OF CHEMICAL EDUCATION

08 00 66 1  
\*CHEMISTRY, \*GLASSWARE, \*COLLEGE SCIENCE, \*LABORATORY TECHNIQUES,  
\*SCIENCE EQUIPMENT, U. S. AIR FORCE, OFFICE OF AEROSPACE RESEARCH,  
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, PUBLIC HEALTH  
SERVICE

121. SE 000 668 08 22 67 17 22 17 ? 00 000 004  
MORGAN, ASHLEY G., JR. AND KOELSCHE, CHARLES L.  
AN INVESTIGATION AND COMPARISON OF THE VOCABULARIES, PRINCIPLES,  
AND OBJECTIVES OF TEXTBOOKS IN HIGH SCHOOL CHEMISTRY AND POPULAR  
LITERATURE  
SCHOOL SCIENCE AND MATHEMATICS

01 00 66 14  
\*CHEMISTRY, \*RESEARCH REPORTS, \*SECONDARY SCHOOL SCIENCE,  
\*TEXTBOOKS, \*SCIENCE TERMINOLOGY, COURSE CONTENT, OBJECTIVES,  
CHEMICAL EDUCATION MATERIALS STUDY, CHEMICAL BOND APPROACH,  
CENTRAL ASSOCIATION OF SCIENCE AND MATHEMATICS TEACHERS,  
NATIONAL SOCIETY FOR THE STUDY OF EDUCATION

122. SE 001 291 11 16 67 06 53 17 2 22 000 319  
MORRIS, MAURICE F.  
IMPROVEMENT OF SELECTED DEMONSTRATION APPARATUS FOR USE IN  
COLLEGIATE GENERAL EDUCATION PHYSICAL SCIENCE INSTRUCTION

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

63 91  
\*COLLEGE SCIENCE, \*DEMONSTRATION EQUIPMENT, \*GENERAL EDUCATION,  
\*PHYSICAL SCIENCE, \*RESEARCH REPORTS, \*SCIENCE EQUIPMENT, SOUND,  
TEACHING TECHNIQUES, DOCTORAL THESES, DEMONSTRATION PROCEDURES,  
ELECTRICITY, EVALUATION, MECHANICS, MAGNETISM, SCIENCE ACTIVITIES,  
1963

123. SE 000 356 08 21 67 06 11 38 1 00 000 010  
MULLINS, FRED D.  
BABY TURTLES

SCIENCE AND CHILDREN

03 00 66 1  
\*BIOLOGY, \*ELEMENTARY SCHOOL SCIENCE \*SCIENCE ACTIVITIES,  
ZOOLOGICAL SPECIMENS

124. SE 001 217 07 25 67 17 12 10 2 22 000 319  
MUNSON, NORMA FRANCES  
A HIGH SCHOOL BIOLOGY LABORATORY MANUAL

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

63 240  
\*BIOLOGY, \*SECONDARY SCHOOL SCIENCE, GRADE 9, GRADE 10,  
MOLECULAR BIOLOGY, MORPHOLOGY, PHYSIOLOGY, PROBLEM SOLVING,  
TEACHER RESOURCE MATERIALS, LABORATORY MANUAL, RESEARCH REPORTS

125. SE 000 437 07 31 67 06 15 38 1 00 000 007  
NAIMAN, DOROTHY N.  
A SECTIONAL BRAIN MODEL FOR INDIVIDUAL STUDENT USE

THE SCIENCE TEACHER

04 00 64 2  
\*BIOLOGY, \*COLLEGE SCIENCE, \*MODELS (SCIENCE), \*NEUROANATOMY,  
AUDIOVISUAL AIDS, SECONDARY SCHOOL SCIENCE, NOPCO POLYURETHANE  
FOAM, F506

126. SE 000 566 07 20 67 17 95 11 2 51 000 241  
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)  
WHAT'S UP THERE

UNITED STATES GOVERNMENT PRINTING OFFICE

64 144  
\*ELEMENTARY SCHOOL MATHEMATICS, \*ELEMENTARY SCHOOL SCIENCE,  
\*SPACE SCIENCE, \*INSTRUCTIONAL MATERIALS, \*SECONDARY SCHOOL  
MATHEMATICS, \*SECONDARY SCHOOL SCIENCE, EARTH AND SPACE SCIENCE,  
GRADE 5, GRADE 6, GRADE 7, GRADE 8, BIBLIOGRAPHIES, NATIONAL  
AERONAUTICS AND SPACE ADMINISTRATION, UNITED STATES OFFICE OF  
EDUCATION, GODDARD SPACE FLIGHT CENTER

127. SE 000 271 06 27 67 06 95 03 3 51 000 239  
NATIONAL SCIENCE TEACHERS ASSOCIATION  
BIBLIOGRAPHY OF SCIENCE COURSES OF STUDY AND TEXTBOOKS  
GRADES 1-9

NATIONAL SCIENCE TEACHERS ASSOCIATION

66 36  
\*ELEMENTARY SCHOOL SCIENCE, \*SCIENCE COURSES, \*SECONDARY SCHOOL  
SCIENCE, \*TEXTBOOKS, BIOLOGY, CHEMISTRY, COMPUTER SCIENCE,  
GENERAL SCIENCE, PHYSICAL SCIENCES, PHYSICS, PROGRAMED INSTRUCTION,  
REFERENCE BOOKS, BIBLIOGRAPHIES, NATIONAL EDUCATION ASSOCIATION,  
NATIONAL SCIENCE TEACHERS ASSOCIATION

128. SE 000 648 09 13 67 17 22 03 2 32 000 200  
NEW YORK STATE EDUCATION DEPARTMENT  
BIBLIOGRAPHIC GUIDE FOR ADVANCED PLACEMENT - CHEMISTRY

NEW YORK STATE EDUCATION DEPARTMENT

65 22  
\*ADVANCED PLACEMENT COURSES, \*BIBLIOGRAPHIES, \*CHEMISTRY, \*CHARTS,  
\*FILM LISTS, \*INSTRUCTIONAL MATERIALS, \*PERIODICALS, \*SECONDARY  
SCHOOL SCIENCE, AUDIOVISUAL AIDS, BOOK LISTS, STUDENT REFERENCES,  
TEXTBOOKS, NATIONAL DEFENSE EDUCATION ACT, TITLE III (NDEA),  
ELEMENTARY AND SECONDARY EDUCATION ACT, TITLE II (ESEA)

129. SE 000 636 09 05 67 17 45 37 1 32 000 200  
NEW YORK STATE DEPARTMENT OF EDUCATION  
HOW ARCHEOLOGISTS DIG AND WHY

NEW YORK STATE DEPARTMENT OF EDUCATION

62 5  
\*ARCHEOLOGY, \*ELEMENTARY SCHOOL SCIENCE, \*INSTRUCTIONAL MATERIALS,  
\*SECONDARY SCHOOL SCIENCE, BIBLIOGRAPHIES, SCIENTIFIC METHODOLOGY,  
TEACHER RESOURCE MATERIALS



130. SE 000 649 06 05 67 17 15 11 1 32 000 200  
 NEW YORK STATE EDUCATION DEPARTMENT  
 AN INTRODUCTION TO INVERTEBRATE FOSSILS OF NEW YORK

NEW YORK STATE DEPARTMENT OF EDUCATION

66 20  
 \*BIOLOGY, \*FOSSILS, \*INVERTEBRATE ZOOLOGY, \*PALEONTOLOGY,  
 \*SECONDARY SCHOOL SCIENCE, COLLEGE SCIENCE, GEOLOGY,  
 INSTRUCTIONAL MATERIALS

131. SE 001 584 11 01 67 06 81 15 2 32 000 200  
 NEW YORK STATE DEPARTMENT OF EDUCATION  
 TIPS AND TECHNIQUES IN ELEMENTARY SCIENCE

NEW YORK STATE EDUCATION DEPARTMENT, ALBANY, BUREAU OF ELEMENTARY  
 CURRICULUM DEVELOPMENT

66 42  
 \*ELEMENTARY SCHOOL SCIENCE, \*LABORATORY TECHNIQUES, \*SCIENCE  
 MATERIALS, \*SCIENCE EQUIPMENT, \*TEACHING TECHNIQUES, \*TEACHER  
 SOURCEBOOKS, PHYSICAL SCIENCES,

132. SE 000 658 06 30 67 17 81 37 1 32 000 200  
 NEW YORK STATE MUSEUM  
 EDUCATIONAL LEAFLET SERIES

NEW YORK STATE EDUCATION DEPARTMENT

7  
 \*ELEMENTARY SCHOOL SCIENCE, APPLIED SCIENCE, LIGHTING EQUIPMENT  
 (HISTORY), INSTRUCTIONAL MATERIALS, LAMPS, CANDLES

133. SE 001 874 10 18 67 17 81 17 2 22 000 319  
 NEWPORT, JOHN FRANK  
 AN EVALUATION OF SELECTED SERIES OF ELEMENTARY SCHOOL SCIENCE  
 TEXTBOOKS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

65 119  
 \*EVALUATION, \*ELEMENTARY SCHOOL SCIENCE, \*INSTRUCTIONAL MATERIALS,  
 \*RESEARCH REPORTS, \*TEXTBOOKS, DOCTORAL DISSERTATIONS, 1965,  
 HARPER AND ROW, HEATH, MACMILLAN, GINN, SINGER, ALLYN AND BACON,  
 LYONS AND CARNAHAN, AMERICAN BOOK COMPANY, WINSTON

134. SE 001 498 11 13 67 17 92 37 2 42 000 188  
OAK RIDGE ASSOCIATED UNIVERSITIES  
NUCLEAR SCIENCE FOR SECONDARY STUDENTS

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
INFORMATION, OAK RIDGE, TENNESSEE

10 00 66 37

\*CHEMISTRY, \*INSTRUCTIONAL MATERIALS, \*NUCLEAR SCIENCE, \*PHYSICS,  
\*SECONDARY SCHOOL SCIENCE, ATOMIC STRUCTURE, ATOMIC ENERGY, FISSION,  
FUSSION, RADIOACTIVITY, RADIATION, SCIENCE DEMONSTRATIONS, UNITED  
STATES ATOMIC ENERGY COMMISSION, 1966

135. SE 001 877 10 18 67 17 15 17 2 22 000 319  
O'NEILL, CATHERINE E.  
LABORATORY EXERCISES TO DEMONSTRATE THE EFFECTS OF CERTAIN HORMONES  
AND HORMONE INHIBITORS ON THE DEVELOPMENT OF THE YOUNG CHICK

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

65 336

\*BIOLOGY, \*COLLEGE SCIENCE, \*ENDOCRINOLOGY, \*INSTRUCTIONAL  
MATERIALS, \*LABORATORY EXPERIMENTS, \*RESEARCH REPORTS, \*SCIENCE  
ACTIVITIES, \*SECONDARY SCHOOL SCIENCE, DOCTORAL DISSERTATIONS,  
HORMONES, HORMONE INHIBITORS, JUNIOR COLLEGES, ALLOXAN, INSULIN,  
PROGESTERONE, STILBESTROL, THYROXINE, THIOURACIL, TESTOSTERONE,  
1965

136. SE 000 080 07 25 67 17 45 11 1 20 000 245  
ORGREN, JAMES  
FREDERICK COUNTY GEOLOGICAL FORMATIONS AND STRUCTURE

FREDERICK COUNTY BOARD OF EDUCATION, MARYLAND

7

\*COLLEGE SCIENCE, \*GEOLOGY, \*INSTRUCTIONAL MATERIALS, \*SECONDARY  
SCHOOL SCIENCE, \*TEACHER RESOURCE MATERIALS, EARTH AND SPACE  
SCIENCE, EARTH SCIENCE

137. SE 001 497 07 07 67 17 95 30 1 42 000 188  
OSBORNE, THOMAS S.  
EXPERIMENTS WITH RADIATION ON SEEDS

U. S. ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL INFORMATION

\*BIOLOGY, \*COLLEGE SCIENCE, \*RADIOACTIVITY, \*SECONDARY SCHOOL  
SCIENCE, INSTRUCTIONAL MATERIALS, SCIENCE ACTIVITIES, UNITED  
STATES ATOMIC ENERGY COMMISSION

138. SE 001 495 08 15 67 17 92 30 1 42 000 188  
OSBORNE, THOMAS S.  
EXPERIMENTS WITH RADIATION ON SEEDS NO. 1

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
INFORMATION

63 9  
\*BIOLOGY, \*INSTRUCTIONAL MATERIALS, \*RADIOACTIVITY, \*SECONDARY  
SCHOOL SCIENCE, GRADE 9, GRADE 10, SCIENCE ACTIVITIES, UNITED  
STATES ATOMIC ENERGY COMMISSION

139. SE 001 024 07 28 67 17 81 17 1 00 000 004  
OTTLEY, LEROY  
READABILITY OF SCIENCE TEXTBOOKS FOR GRADES FOUR, FIVE AND SIX

SCHOOL SCIENCE AND MATHEMATICS

04 00 65 2  
\*ELEMENTARY SCHOOL SCIENCE, \*TEXTBOOK DIFFICULTY, \*TEXTBOOKS,  
\*VOCABULARY LEVEL, INTERMEDIATE GRADES, TEXTBOOKS

140. SE 000 547 07 27 67 06 32 28 1 00 000 004  
PANUSH, LOUIS  
ATOMIC NUCLEUS MODELS

SCHOOL SCIENCE AND MATHEMATICS

04 00 64 4  
\*MODELS (DEMONSTRATION), ATOMIC STRUCTURE, NATURAL SCIENCES,  
NUCLEAR STRUCTURE, SECONDARY SCHOOL SCIENCE, TEACHER RESOURCE  
MATERIALS

141. SE 001 923 08 23 67 17 92 03 1 00 000 004  
 PANUSH, LOUIS  
 NEW BOOKS FOR THE HIGH SCHOOL SCIENCE SHELF NINTH SERIES - 1966
- SCHOOL SCIENCE AND MATHEMATICS
- 06 00 67 14  
 \*ANNOTATED BILIOGRAPHIES, \*INSTRUCTIONAL MATERIALS, \*SECONDARY  
 SCHOOL SCIENCE, TEACHER RESOURCE MATERIALS
142. SE 001 023 07 12 67 06 92 03 1 00 000 004  
 PANUSH, LOUIS  
 NEW BOOKS FOR THE HIGH SCHOOL SCIENCE SHELF SEVENTH SERIES - 1964
- SCHOOL SCIENCE AND MATHEMATICS
- 04 00 65 18  
 \*NATURAL SCIENCES, \*SECONDARY SCHOOL SCIENCE, \*BIBLIOGRAPHIES,  
 TRADE BOOKS
143. SE 000 862 08 28 67 06 95 03 2 00 000 224  
 PARKE, NATHAN GRIER  
 GUIDE TO LITERATURE OF MATHEMATICS AND PHYSICS INCLUDING RELATED  
 WORKS ON ENGINEERING SCIENCE
- DOVER PUBLICATIONS
- 58 470  
 \*BIBLIOGRAPHIES, \*MATHEMATICS, \*PHYSICS, \*RESEARCH METHODOLOGY,  
 COLLEGE SCIENCE, GRADE 12, LIBRARY TECHNIQUES
144. SE 000 353 08 21 67 06 92 30 1 00 000 010  
 PATTERSON, ROBERT AND PUCKETT, MYRON  
 AN INQUIRY DEVICE
- SCIENCE AND CHILDREN
- 03 00 66 1  
 \*ELEMENTARY SCHOOL SCIENCE, \*SCIENCE ACTIVITIES, \*PROBLEM  
 SOLVING, \*SCIENCE EQUIPMENT, AIR PRESSURE, GRADE 4, GRADE 5,  
 GRADE 6

145. SE 000 304 07 10 67 06 22 38 1 00 000 003  
PATTON, J. W. AND JOHNSON, I. D.  
MAGNETIC STIRRING FOR GLASS PRESSURE REACTORS

JOURNAL OF CHEMICAL EDUCATION

07 00 66 2  
\*COLLEGE SCIENCE, \*CHEMISTRY, \*LABORATORY EQUIPMENT, \*LABORATORY  
TECHNIQUES, \*TEACHER RESOURCE MATERIALS, SCIENCE EQUIPMENT

146. SE 001 378 09 22 67 05 43 20 1 00 000 197  
PAULL, RICHARD A.  
IN DEFENSE OF GEOLOGICAL LIBRARIES

JOURNAL OF GEOLOGICAL EDUCATION

04 00 66 2  
\*COLLEGE SCIENCE, \*DECENTRALIZED LIBRARY SYSTEMS, \*GEOLOGY,  
\*LIBRARIES, \*SCIENCE FACILITIES, \*SPECIAL LIBRARIES, EARTH  
SCIENCE, PAPERS, SCIENCE MATERIALS

147. SE 001 483 06 28 67 17 32 11 1 21 000 154  
PHYSICAL SCIENCE STUDY COMMITTEE  
PHYSICS VOLUME I

NATIONAL SCIENCE FOUNDATION

57 147  
\*INSTRUCTIONAL MATERIALS, \*PHYSICS, \*SECONDARY SCHOOL SCIENCE,  
\*SCIENCE COURSE IMPROVEMENT PROJECTS, PSSC, NSF, TEXTS

148. SE 000 570 10 19 67 06 95 37 1 51 000 279  
PILTZ, ALBERT AND GRUVER, WILLIAM J.  
SCIENCE EQUIPMENT AND MATERIALS - SCIENCE KITS

UNITED STATES DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE,  
OFFICE OF EDUCATION

63 26  
\*ELEMENTARY SCHOOL SCIENCE, \*EQUIPMENT EVALUATION, \*SCIENCE KITS,  
\*SCIENCE EQUIPMENT, \*SECONDARY SCHOOL SCIENCE, SCIENCE MATERIALS,  
TEACHER RESOURCE MATERIALS, \*BULLETIN, UNITED STATES OFFICE OF  
EDUCATION

149. SE 000 374 08 21 67 17 95 20 1 00 000 010  
PLANTS, ROBERT W.  
AN EXPERIMENT NEVER FAILS!

SCIENCE AND CHILDREN

05 00 66 2  
\*ELEMENTARY SCHOOL SCIENCE, \*SECONDARY SCHOOL SCIENCE,  
\*SCIENTIFIC TERMINOLOGY, \*TEACHER RESOURCE MATERIALS, \*TEXTBOOK  
ERRORS, SCIENCE EXPERIMENTS, DEMONSTRATIONS (SCIENCE)

150. SE 000 389 08 21 67 06 31 38 1 00 000 010  
PLOTNICK, MORTON  
ELECTRICITY VIA A SCIENCE RESOURCE CENTER

SCIENCE AND CHILDREN

03 00 65 2  
\*ELEMENTARY SCHOOL SCIENCE, \*SCIENCE EQUIPMENT, ELECTRICITY,  
EQUIPMENT STORAGE, SCIENCE ACTIVITIES, PHYSICAL SCIENCES,  
SCIENCE RESOURCE PERSONNEL, BAKER SCIENCE PACKET, UNITED NATIONS  
EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION SOURCEBOOK FOR  
SCIENCE TEACHING

151. SE 000 335 08 21 67 06 95 30 1 00 000 003  
PLUMB, ROBERT C.  
HARD SPHERE SIMULATION OF STATISTICAL MECHANICAL BEHAVIOR OF  
MOLECULES

JOURNAL OF CHEMICAL EDUCATION

12 00 66 4  
\*CHEMISTRY, \*DEMONSTRATION TECHNIQUES, \*KINETICS, \*MOLECULAR  
MOTION, \*PHYSICS, COLLEGE SCIENCE, AUDIOVISUAL AIDS, EQUIPMENT,  
SECONDARY SCHOOL SCIENCE



152. SE 000 219 07 18 67 16 32 38 1 00 000 009  
POLLACK, HARVEY  
OIL DROP GUIDE

THE PHYSICS TEACHER

09 00 66 3  
\*ELECTRONICS, \*EQUIPMENT, \*LABORATORY TECHNIQUES, \*PHYSICS,  
\*SECONDARY SCHOOL SCIENCE, INNOVATIONS, 1966, AMERICAN  
ASSOCIATION OF PHYSICS TEACHERS, FOREST HILLS HIGH SCHOOL, FOREST  
HILLS (NEW YORK), NEW YORK

153. SE 001 480 06 28 67 17 23 10 1 42 000 188  
RADIOISOTOPE EXPERIMENTS FOR THE CHEMISTRY CURRICULUM

OFFICE OF TECHNICAL SERVICES, DEPARTMENT OF COMMERCE,  
WASHINGTON, D. C.  
08 00 60 150  
\*CHEMISTRY, \*COLLEGE SCIENCE, \*INSTRUCTIONAL MATERIALS,  
\*RADIOISOTOPES, \*SCIENCE ACTIVITIES, U. S. ATOMIC ENERGY  
COMMISSION, NUCLEAR-CHICAGO CORPORATION, (CHICAGO, ILLINOIS),  
\*LABORATORY MANUALS

154. SE 001 511 10 10 67 06 22 38 1 00 000 004  
RAWLINS, GEORGE M., JR.  
SAFETY IN HIGH SCHOOL CHEMISTRY

SCHOOL SCIENCE AND MATHEMATICS

10 00 64 3  
\*CHEMISTRY, \*LABORATORY SAFETY, \*LABORATORY MANAGEMENT, \*SAFETY,  
\*SECONDARY SCHOOL SCIENCE, SCIENCE EQUIPMENT, SCIENCE MATERIALS

155. SE 000 188 08 21 67 06 15 38 1 00 000 007  
RENWICK, GEORGE  
BIOLOGY ALGAE MOUNTS SIMPLIFIED

THE SCIENCE TEACHER

10 00 66 1  
\*BIOLOGY, \*FIELD TECHNIQUES, \*LABORATORY TECHNIQUES, \*SECONDARY  
SCHOOL SCIENCE, \*COLLEGE SCIENCE, BOTANY, INSTRUCTION, SCIENCE  
ACTIVITIES

156. SE 001 203 07 25 67 06 91 17 2 22 000 319  
 RICKER, KENNETH SCOTT  
 GUIDELINES FOR EFFECTIVE SELECTION OF SCIENCE EQUIPMENT FOR  
 ELEMENTARY SCHOOLS AND A SURVEY OF THE UTILIZATION OF SCIENCE  
 EQUIPMENT IN ELEMENTARY SCHOOLS IN THE STATE OF MARYLAND/64-4717  
 UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
- 63 172  
 ELEMENTARY SCHOOL SCIENCE, INSERVICE EDUCATION, SCIENCE  
 EQUIPMENT, TEACHER QUALIFICATIONS, RESEARCH REPORTS, MARYLAND
157. SE 000 357 08 21 67 06 11 38 1 00 000 010  
 RING, ART  
 A CARDBOARD MUSEUM
- SCIENCE AND CHILDREN
- 03 00 66 1  
 \*DISPLAYS, \*ELEMENTARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, SCIENCE  
 ACTIVITIES
158. SE 000 396 08 21 67 06 31 30 1 00 000 010  
 RUCHLIS, HY  
 TIN CAN BAROMETER?
- SCIENCE AND CHILDREN
- 03 00 65 1  
 \*ELEMENTARY SCHOOL SCIENCE, \*SCIENCE EQUIPMENT, AIR PRESSURE,  
 BAROMETERS, SCIENCE ACTIVITIES
159. SE 000 999 08 22 67 06 13 20 1 00 000 001  
 RUNION, HOWELL I. AND RIEDESEL, CARL C.  
 THE INSECT ELECTROMYOGRAM
- THE AMERICAN BIOLOGY TEACHER
- 04 00 66 4  
 \*BIOLOGY, \*COLLEGE SCIENCE, \*DEMONSTRATIONS (SCIENCE), \*SCIENCE  
 ACTIVITIES, \*ELECTROMYOGRAPHY, \*ZOOLOGY, INSTRUMENTATION,  
 PHYSIOLOGY, NATIONAL SCIENCE FOUNDATION

160. SE 001 000 07 28 67 06 13 20 1 00 000 001  
 RUNION, HOWELL I. AND RIEDESEL, CARL C.  
 A NUVISTOR CATHODE FOLLOWER

THE AMERICAN BIOLOGY TEACHER

04 00 66 3  
 \*BIOLOGY, \*COLLEGE SCIENCE, \*ELECTRONIC EQUIPMENT, \*PHYSIOLOGY,  
 \*SCIENCE EQUIPMENT, NUVISTOR CATHODE FOLLOWER, NATIONAL SCIENCE  
 FOUNDATION

161. SE 000 234 06 29 67 06 25 33 1 00 000 003  
 RUNQUIST, OLAF AND OTHERS  
 THE LABSTAND

JOURNAL OF CHEMICAL EDUCATION

08 00 66 4  
 \*CHEMISTRY, \*EQUIPMENT, \*LABORATORY EQUIPMENT, COLLEGE SCIENCE,  
 LABORATORY TECHNIQUES, SECONDARY SCHOOL SCIENCE

162. SE 001 667 08 17 67 06 43 38 1 00 000 197  
 SASS, DANIEL B.  
 ATOMIC MODELS OF MINERALS FOR INTRODUCTORY GEOLOGY

JOURNAL OF GEOLOGICAL EDUCATION

12 00 63 1  
 \*COLLEGE SCIENCE, \*GEOLOGY, \*MODELS (SCIENCE), \*MINERALOGY,  
 SCIENCE ACTIVITIES, TEACHER RESOURCE MATERIALS

163. SE 000 387 08 21 67 06 35 38 1 00 000 007  
 SCHLEY, ROBERT A.  
 AN EQUIVALENT-FORCE SPRING SCALE

THE SCIENCE TEACHER

02 00 64 2  
 \*COLLEGE SCIENCE, \*FORCES (PHYSICAL), \*MEASUREMENT (SCIENTIFIC),  
 \*SECONDARY SCHOOL SCIENCE, \*SCIENCE EQUIPMENT, PHYSICS, PHYSICAL  
 SCIENCES

164. SE 000 195 07 05 67 06 25 38 1 00 000 007  
SCHUBERT, LEO  
CHEMISTRY - A STABILIZED, TRANSPARENT-TOP, SINGLE-PAN BALANCE

THE SCIENCE TEACHER

11 00 66 2  
\*CHEMISTRY, \*LABORATORY EQUIPMENT, \*SECONDARY SCHOOL SCIENCE,  
ANALYTICAL CHEMISTRY, COLLEGE SCIENCE, EQUIPMENT

165. SE 000 546 06 08 67 06 95 03 1 51 000 261  
SCIENCE BOOKS - A QUARTERLY REVIEW

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

12 00 66 243  
\*BIOLOGY, \*BEHAVIORAL SCIENCE, \*COLLEGE SCIENCE, \*ELEMENTARY  
SCHOOL SCIENCE, \*EARTH AND SPACE SCIENCE, \*PHYSICAL SCIENCE,  
\*SECONDARY SCHOOL SCIENCE, \*ANNOTATED BIBLIOGRAPHIES,  
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

166. SE 001 310 11 16 67 10 23 17 2 22 000 319  
SCOTT, DAN DRYDEN  
THE USE OF ANALOGIES IN INTRODUCTORY COLLEGE CHEMISTRY TEXTBOOKS,  
1930-1960

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

63 113  
\*ANALOGIES, \*CHEMISTRY, \*COLLEGE SCIENCE, \*RESEARCH REPORTS,  
\*TEXTBOOK RESEARCH, \*TEXTBOOKS, \*TEACHING TECHNIQUES, DOCTORAL  
THESES, TEXTBOOK CONTENT, 1963

167. SE 000 186 07 05 67 06 92 38 1 00 000 007  
SCOTT, DAVID  
CLASSROOM IDEAS - DO IT YOURSELF EQUIPMENT

THE SCIENCE TEACHER

10 00 66 2  
\*EQUIPMENT, \*SECONDARY SCHOOL SCIENCE, \*LABORATORY EQUIPMENT,  
\*OPTICS, \*PHYSICS, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCE  
STUDY COMMITTEE

168. SE 001 909 11 20 67 17 23 37 2 00 000 207  
SEABORG, GLENN T.  
MAN-MADE TRANSURANIUM ELEMENTS

PRENTICE-HALL, INC.

63 120  
\*APPLIED SCIENCE, \*COLLEGE SCIENCE, \*CHEMISTRY, \*INSTRUCTIONAL  
MATERIALS, \*SCIENCE HISTORY, \*TRANSURANIUM ELEMENTS, NUCLEAR  
CHEMISTRY, NUCLEAR PHYSICS, PLUTONIUM, PHYSICS, RESOURCE  
MATERIALS, SECONDARY SCHOOL SCIENCE, SYNTHETIC ELEMENTS,  
TECHNOLOGY,

169. SE 001 197 08 22 67 17 32 03 1 00 000 009  
SHAMUS, BROTHOR  
A READING PROGRAM IN HIGH SCHOOL PHYSICS

THE PHYSICS TEACHER

04 00 66 2  
\*BIBLIOGRAPHIES, INSTRUCTIONAL MATERIALS, PHYSICS, SECONDARY  
SCHOOL SCIENCE, TEACHER RESOURCE MATERIALS

170. SE 000 223 07 06 67 06 22 11 1 00 000 003  
SHAW, HENRY AND TOBY, SIDNEY  
LIGHT ABSORPTION IN PHOTOCHEMISTRY

JOURNAL OF CHEMICAL EDUCATION

08 00 66 3  
\*CHEMISTRY, \*PHOTOCHEMISTRY, \*TEXTBOOK EVALUATION, \*TEXTBOOK  
ERRORS, COLLEGE SCIENCE, INSTRUCTION

171. SE 001 727 11 20 67 06 95 03 2 42 000 188  
SHERROD, JOHN  
POPULAR BOOKS ON NUCLEAR SCIENCE

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
INFORMATION

09 00 64 19

\*ANNOTATED BIBLIOGRAPHIES, \*ADULT EDUCATION, \*COLLEGE SCIENCE,  
\*ELEMENTARY SCHOOL SCIENCE, \*NUCLEAR SCIENCES, \*SECONDARY SCHOOL  
SCIENCE, APPLIED SCIENCE, BIOLOGY, BIBLIOGRAPHIES, CHEMISTRY,  
INDUSTRY, NUCLEAR PHYSICS, NUCLEAR CHEMISTRY, PHYSICS, RADIATION  
BIOLOGY, TEXTS, ATOMIC ENERGY COMMISSION, 1964

172. SE 001 214 06 30 67 06 72 17 2 22 000 319  
SMEDLEY, ALBERT EUGENE  
DEVELOPMENT OF A LIST OF APPARATUS TO BE USED IN JUNIOR HIGH  
SCHOOL SCIENCE CLASSES

UNIVERSITY MICROFILMS, ANN ARBOR MICHIGAN

63 211

\*GENERAL SCIENCE, \*SCIENCE EQUIPMENT EVALUATION, \*SECONDARY SCHOOL  
SCIENCE, GRADE 7, GRADE 8, GRADE 9, SCIENCE EQUIPMENT, RESEARCH  
REPORTS

173. SE 000 407 08 22 67 06 32 38 1 00 000 007  
SMITH, EZRA SHELDON  
BUILDING AND CALIBRATING A SIMPLE STROBOSCOPE

THE SCIENCE TEACHER

11 00 65 3

\*ELECTRONICS, \*EQUIPMENT, \*OPTICS, \*PHYSICS, \*TEACHING AIDS,  
SECONDARY SCHOOL SCIENCE

174. SE 000 079 09 06 67 17 52 10 2 49 000 246  
SMITH, ROY E.  
FUNEPS - FUNDAMENTAL EXPERIMENTAL PHYSICAL SCIENCE

WISCONSIN STATE UNIVERSITY, PLATTEVILLE

65 176

\*COLLEGE SCIENCE, \*INSTRUCTIONAL MATERIALS, \*LABORATORY MANUALS,  
\*PHYSICAL SCIENCES, \*SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES,  
FUNDAMENTAL EXPERIMENTAL PHYSICAL SCIENCE (FUNEPS)



175. SE 000 733 08 25 67 17 41 11 2 00 000 208  
SOOTIN, HARRY AND SOOTIN, LAURA  
THE YOUNG EXPERIMENTERS' WORKBOOK

W. W. NORTON AND COMPANY

65 60  
\*ELEMENTARY SCHOOL SCIENCE, \*GEOLOGY, \*INSTRUCTIONAL MATERIALS,  
\*SCIENCE ACTIVITIES, EARTH SCIENCE, ROCK IDENTIFICATION, MINERAL  
IDENTIFICATION

176. SE 000 539 06 08 67 06 92 33 1 41 000 200  
SOUTH DAKOTA STATE DEPARTMENT OF EDUCATION  
SCIENCE EQUIPMENT - MINIMUM INVENTORY FOR SOUTH DAKOTA HIGH  
SCHOOLS

SOUTH DAKOTA STATE DEPARTMENT OF EDUCATION

65 57  
\*SECONDARY SCHOOL SCIENCE, \*SCIENCE EQUIPMENT, \*SCIENCE FACILITIES,  
\*SCIENCE MATERIALS, \*EQUIPMENT GUIDES

177. SE 000 333 08 21 67 06 95 38 1 00 000 003  
STEERE, NORMAN V.  
CONTAINERS AND LABELING

JOURNAL OF CHEMICAL EDUCATION

12 00 66 5  
\*COLLGE SCIENCE, \*CHEMICAL STORAGE, \*SAFETY, \*SECONDARY SCHOOL  
SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS

178. SE 000 657 12 06 67 17 92 37 1 32 000 200  
STONE, JANET L.  
THE OLDEST FOREST AND THE NAPLES TREE

NEW YORK STATE DEPARTMENT OF EDUCATION

65 24  
\*GEOLOGY, \*INSTRUCTIONAL MATERIALS, \*SECONDARY SCHOOL SCIENCE,  
\*SCIENCE ACTIVITIES, FOSSILS, PALEONTOLOGY, PALEOBOTANY,  
\*PAMPHLETS

179. SE 001 696 08 18 67 06 43 38 1 00 000 197  
 STONE, JOHN E.  
 AN INEXPENSIVE ICE-EXTRUSION APPARATUS
- JOURNAL OF GEOLOGICAL EDUCATION
- 12 00 64 2  
 \*COLLEGE SCIENCE, \*EARTH SCIENCE, \*GEOLOGY, DEMONSTRATIONS  
 (SCIENCE), SECONDARY SCHOOL SCIENCE, SCIENCE EQUIPMENT
180. SE 000 228 07 06 67 06 23 38 1 00 000 003  
 STOCK, JOHN T.  
 AN APPARATUS FOR DEMONSTRATING AUTOMATIC POTENTIOMETRIC TITRATION
- JOURNAL OF CHEMICAL EDUCATION
- 08 00 66 2  
 \*CHEMISTRY, \*DEMONSTRATIONS, \*COLLEGE SCIENCE, \*LABORATORY TECHNIQUES,  
 \*TITRATION TECHNIQUES, SCIENCE EQUIPMENT
181. SE 000 235 06 28 67 06 25 38 1 00 000 003  
 STOCK, JOHN T. AND DETHOMAS, A. V.  
 MICROAPPARATUS FOR DEMONSTRATING ELECTROPHORESIS AND ION  
 MIGRATION
- JOURNAL OF CHEMICAL EDUCATION
- 08 00 66 2  
 \*COLLEGE SCIENCE, \*CHEMISTRY, \*DEMONSTRATIONS (SCIENCE),  
 \*ELECTROPHORESIS, \*LABORATORY TECHNIQUES, COLLOIDAL CHEMISTRY,  
 SCIENCE EQUIPMENT, SECONDARY SCHOOL SCIENCE
182. SE 001 551 11 20 67 17 95 15 2 22 000 319  
 STRADER, HERMAN LEE  
 A PROGRAM OF CONSERVATION EDUCATION - A SOURCEBOOK FOR TEACHING  
 CONSERVATION IN SCIENCE PROGRAMS (WITH SPECIAL REFERENCE TO THE  
 PROBLEMS AND POLICIES IN THE AREA OF RICHMOND, VIRGINIA)  
 UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
- 65 190  
 \*CONSERVATION EDUCATION, \*COURSE CONTENT, \*ELEMENTARY SCHOOL  
 SCIENCE, \*SECONDARY SCHOOL SCIENCE, \*TEACHER GUIDES, \*UNITS OF  
 STUDY, AUDIOVISUAL AIDS, BIOLOGY, BIBLIOGRAPHIES, DOCTORAL  
 THESES, EARTH SCIENCE, EDUCATIONAL OBJECTIVES, FILMS, GENERAL  
 SCIENCE, RICHMOND, VIRGINIA, 1965

183. SE 001 412 09 22 67 06 35 30 1 00 000 009  
 STRICKLER, ALLEN  
 THERMOCHROMIC CARDS - COLORFUL NEW MEDIA FOR COMMUNICATING  
 PRINCIPLES OF HEAT

THE PHYSICS TEACHER

11 00 63 3  
 \*AUDIOVISUAL AIDS, \*HEAT, \*PHYSICS, \*SCIENCE ACTIVITIES, \*SCIENCE  
 MATERIALS, \*THERMODYNAMICS, COLLEGE SCIENCE, DEMONSTRATIONS  
 (SCIENCE), SECONDARY SCHOOL SCIENCE, TEMPERATURE

184. SE 001 396 09 22 67 06 35 30 1 00 000 009  
 SUTTON, RICHARD M.  
 AN INTROVERT ROCKET OR MECHANICAL JUMPING BEAN

THE PHYSICS TEACHER

09 00 63 2  
 \*COLLEGE SCIENCE, \*MECHANICS, \*SCIENCE ACTIVITIES, \*SCIENCE  
 EQUIPMENT, \*SPACE SCIENCE, PHYSICS, SECONDARY SCHOOL SCIENCE,  
 TEACHER TIPS

185. SE 000 229 07 06 67 06 23 38 1 00 000 003  
 TACKETT, STANFORD L. AND KNOWLES, JOHN A.  
 SIMPLE PONTENTIOSTAT FOR CONTROLLED POTENTIAL ELECTROLYSIS

JOURNAL OF CHEMICAL EDUCATION

08 00 66 4  
 \*CHEMISTRY, \*ELECTROLYSIS, \*COLLEGE SCIENCE, \*SCIENCE EQUIPMENT,  
 LABORATORY TECHNIQUES, DEMONSTRATIONS (SCIENCE)

186. SE 000 230 07 19 67 06 23 38 1 00 000 003  
 TAHA, AHMED A. AND OTHERS  
 MANOMETRIC APPARATUS FOR VAPOR AND SOLUTION STUDIES

JOURNAL OF CHEMICAL EDUCATION

08 00 66 4  
 \*CHEMISTRY, \*COLLEGE SCIENCE, \*PHYSICAL CHEMISTRY, KINETIC  
 MOLECULAR THEORY, PHYSICS, SCIENCE EQUIPMENT, SOLUBILITY,  
 DELMAR SCIENTIFIC COMPANY, TEFLON, MANASTAT CORPORATION,  
 MANOMETERS

187. SE 001 677 08 23 67 06 43 38 1 00 000 197  
 TANNER, WILLIAM F.  
 INEXPENSIVE MODELS FOR STUDYING HELICAL FLOW IN STREAMS
- JOURNAL OF GEOLOGICAL EDUCATION
- 12 00 62 2  
 \*COLLEGE SCIENCE, \*EARTH SCIENCE, \*GEOLOGY, \*MODELS (SCIENCE),  
 \*STREAM FLOW, \*TEACHER RESOURCE MATERIALS, AUDIOVISUAL AIDS
188. SE 001 553 12 06 67 10 81 17 2 22 000 319  
 TAYLOR, ALTON LEE  
 TEACHER ATTITUDES, PUPIL BEHAVIOR, AND CONTENT ATTRIBUTES IN  
 RELATION TO THE USE OF PROGRAMED SCIENCE MATERIALS AT THE FOURTH  
 GRADE LEVEL  
 UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
- 65 152  
 \*ACADEMIC ACHIEVEMENT, \*ELEMENTARY SCHOOL SCIENCE, \*GRADE 4,  
 \*INSTRUCTION, \*PROGRAMED INSTRUCTION, \*PROGRAMED MATERIALS,  
 \*RESEARCH REPORTS, \*TEACHER CHARACTERISTICS, \*STUDENT ATTITUDES,  
 DOCTORAL THESES, EVALUATION, INSTRUCTIONAL MATERIALS, TEACHER  
 ATTITUDES, 1965, THURSTONE TEMPERAMENT SCHEDULE, HOW I  
 TEACH - ANALYSIS OF TEACHING PRACTICES, STUDY OF VALUES
189. SE 001 731 10 11 67 06 43 38 1 00 000 197  
 THREET, RICHARD L.  
 A SIMPLIFIED SLIDE RULE FOR STRATIGRAPHIC SECTION MEASUREMENT
- JOURNAL OF GEOLOGICAL EDUCATION
- 61 4  
 \*COLLEGE SCIENCE, \*EARTH SCIENCE, \*MEASUREMENT, \*SLIDE RULES
190. SE 001 385 09 22 67 06 45 38 1 00 000 197  
 THURSTON, WILLIAM  
 U. S. GEOLOGICAL SURVEY'S AIDS TO TEACHERS AND STUDENTS
- JOURNAL OF GEOLOGICAL EDUCATION
- 10 00 66 1  
 \*FREE MATERIALS, \*GEOLOGY, \*INEXPENSIVE MATERIALS, AUDIOVISUAL  
 MATERIALS, AUDIOVISUAL MATERIALS, AUDIOVISUAL AIDS, BOOKS,  
 COLLEGE SCIENCE, EARTH SCIENCE, MAPS, SECONDARY SCHOOL SCIENCE,  
 TEXTBOOKS, UNITED STATES GEOLOGICAL SURVEY

191. SE 001 651 08 17 67 06 35 33 1 42 000 188  
UNITED STATES ATOMIC ENERGY COMMISSION  
HOW TO BUILD A SMALL CYCLOTRON

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
INFORMATION  
10 00 65 23  
\*COLLEGE SCIENCE, \*EQUIPMENT, \*NUCLEAR PHYSICS, \*PHYSICS,  
\*SCIENCE EQUIPMENT, PARTICLE ACCELERATORS, SECONDARY SCHOOL SCIENCE

192. SE 000 871 08 28 67 17 33 13 2 00 000 188  
UNITED STATES ATOMIC ENERGY COMMISSION  
NUCLEAR TERMS - A BRIEF GLOSSARY

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
INFORMATION  
02 00 67 80  
\*ATOMIC THEORY, \*GLOSSARIES, \*NUCLEONICS, \*PHYSICS, GENERAL SCIENCE,  
MODERN PHYSICS

193. SE 001 500 08 22 67 06 35 36 1 42 000 188  
UNITED STATES ATOMIC ENERGY COMMISSION  
SIXTEEN (16) MM FILM CATALOG

UNITED STATES ATOMIC ENERGY COMMISSION, DIVISION OF TECHNICAL  
INFORMATION  
67 75  
\*ATOMIC ENERGY, \*COLLEGE SCIENCE, \*FILM CATALOGS, \*SECONDARY  
SCHOOL SCIENCE, ADULT EDUCATION, APPLIED SCIENCE, BIOLOGY,  
ELEMENTARY SCHOOL SCIENCE, NUCLEAR PHYSICS, PHYSICS, RADIATION  
BIOLOGY, RADIOISOTOPES

194. SE 000 565 06 08 67 06 91 33 1 51 000 241  
U. S. OFFICE OF EDUCATION  
SCIENCE EQUIPMENT AND MATERIALS FOR ELEMENTARY SCHOOLS

GOVERNMENT PRINTING OFFICE

61 66  
\*ELEMENTARY SCHOOL SCIENCE, \*LABORATORY EQUIPMENT, \*SCIENCE  
MATERIALS, \*SCIENCE FACILITIES, \*SCIENCE EQUIPMENT, \*TEACHER  
RESOURCE MATERIALS, U. S. OFFICE OF EDUCATION, EQUIPMENT  
GUIDES



195. SE 000 269 07 25 67 17 95 03 1 51 000 239  
 ULRY, ORVAL L.  
 SCIENCE COURSES OF STUDY

NATIONAL SCIENCE TEACHERS ASSOCIATION

58 27  
 \*ELEMENTARY SCHOOL SCIENCE, \*INSTRUCTIONAL MATERIALS, \*SECONDARY  
 SCHOOL SCIENCE, \*TEACHER RESOURCE MATERIALS, \*TEXTBOOKS,  
 AUDIOVISUAL AIDS, BIOLOGY, PHYSICAL SCIENCES, SCIENCE COURSES,  
 NATIONAL SCIENCE TEACHERS ASSOCIATION, 1958, CURRICULUM GUIDES,  
 SYLLABUSES, COURSE OUTLINES, TEACHERS GUIDES

196. SE 001 466 09 22 67 02 92 29 1 00 000 006  
 VITROGAN, DAVID  
 THE DEVELOPMENT OF A COURSE OF STUDY IN SPACE SCIENCE SUITABLE FOR  
 INSTRUCTION IN THE NINTH AND TENTH GRADES IN THE SECONDARY SCHOOLS

SCIENCE EDUCATION

03 00 67 5  
 \*COURSE CONTENT, \*INSTRUCTIONAL MATERIALS, \*PHYSICAL SCIENCE,  
 \*SECONDARY SCHOOL SCIENCE, \*SPACE SCIENCE, ABLE STUDENTS,  
 ASTRONOMY, BIOLOGY, CURRICULUM DEVELOPMENT, CHEMISTRY, EARTH  
 SCIENCE, EVALUATION, GRADE 9, GRADE 10, INDUCTIVE LEARNING,  
 MATHEMATICS, PHYSICS, PROGRAM DESCRIPTION, SCIENTIFIC CONCEPTS,  
 TEACHING TECHNIQUES, NATIONAL AERONAUTICS AND SPACE  
 ADMINISTRATION GRANT, AMERICAN ASSOCIATION FOR THE ADVANCEMENT  
 OF SCIENCE

197. SE 001 759 10 18 67 06 25 38 1 00 000 003  
 WALSH, BROTHER JOSEPH M.  
 THE USE OF TALC AS A TLC ADSORBENT

JOURNAL OF CHEMICAL EDUCATION

05 00 67 5  
 \*CHEMISTRY, \*CHROMATOGRAPHY, ANALYTICAL TECHNIQUES, ADSORBENTS,  
 COLLEGE SCIENCE, LABORATORY TECHNIQUES, SECONDARY SCHOOL SCIENCE,  
 SCIENCE MATERIALS, TALC, NATIONAL SCIENCE FOUNDATION



198. SE 000 368 08 10 67 06 15 38 1 00 000 010  
 WATERS, BARBARA S.  
 PROBLEMS IN MAINTAINING SALTWATER AQUARIUMS

SCIENCE AND CHILDREN

05 00 66 2  
 \*BIOLOGY, \*ELEMENTARY SCHOOL SCIENCE, \*MARINE BIOLOGY, \*SCIENCE  
 ACTIVITIES, \*TEACHER RESOURCE MATERIALS, \*TEACHING TECHNIQUES,  
 AQUARIUMS

199. SE 001 015 08 16 67 17 31 38 1 00 000 004  
 WEAVER, ALLEN D.  
 MISCONCEPTIONS IN PHYSICS PREVALENT IN SCIENCE TEXTBOOK SERIES  
 FOR ELEMENTARY SCHOOLS

SCHOOL SCIENCE AND MATHEMATICS

03 00 65 5  
 \*ELEMENTARY SCHOOL SCIENCE, \*PHYSICS, \*TEXTBOOK ERRORS

200. SE 000 365 08 21 67 17 91 38 1 00 000 010  
 WEAVER, ALLEN D.  
 WATCH YOUR LANGUAGE!

SCIENCE AND CHILDREN

04 00 66 3  
 \*ELEMENTARY SCHOOL SCIENCE, \*PHYSICAL SCIENCES, \*SCIENTIFIC  
 TERMINOLOGY, \*TEACHER RESOURCE MATERIALS, \*TEXTBOOK ERRORS

201. SE 001 194 07 26 67 06 32 30 1 00 000 009  
 WINTERBAUER, CHARLES E. AND BOLTE, JOHN R.  
 A LIGHT COMMUNICATIONS SYSTEM UTILIZING THE POCKELS EFFECT

THE PHYSICS TEACHER

04 00 67 3  
 \*LIGHT, \*PHYSICS, \*SCIENCE EQUIPMENT, \*SCIENCE ACTIVITIES,  
 \*TEACHER RESOURCE MATERIALS, COMMUNICATION SYSTEMS, POLARIZED  
 LIGHT, SCIENCE PROJECTS

202. SE 001 104 09 27 67 06 95 23 1 00 000 010  
WULFSON, STEPHEN  
WORKSHOP RUBBER MOLDS

SCIENCE AND CHILDREN

03 00 67 2  
\*ELEMENTARY SCHOOL SCIENCE, \*EARTH SCIENCE, \*INSTRUCTIONAL AIDS,  
\*MODELS (DEMONSTRATION), \*SCIENCE MATERIALS, \*SECONDARY SCHOOL  
SCIENCE, \*SCIENCE ACTIVITIES, BIOLOGY, COLLEGE SCIENCE, GENERAL  
SCIENCE, GEOLOGY, PHYSICAL SCIENCE

203. SE 000 747 08 25 67 17 91 11 2 00 000 219  
YOUNGPETER, JOHN M.  
WINTER SCIENCE ACTIVITIES

HOLIDAY HOUSE

66 128  
\*ELEMENTARY SCHOOL SCIENCE, \*OUTDOOR EDUCATION, \*SCIENCE ACTIVITIES,  
\*TEXTBOOKS, ASTRONOMY, BIOLOGY, WEATHER